



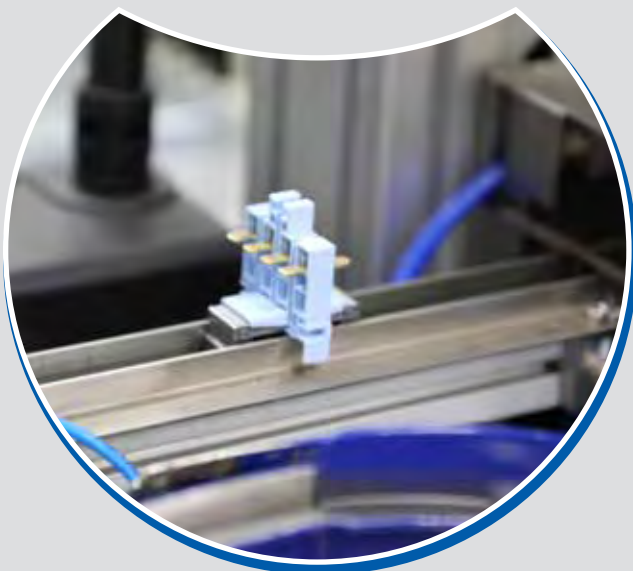
HAVELLS



LV Switchgear, Controlgear & Power Quality Products

Pricelist w.e.f. 11th March, 2024

Fully Automated Plant



Industry 4.0

Make in India, for India and for rest of the World



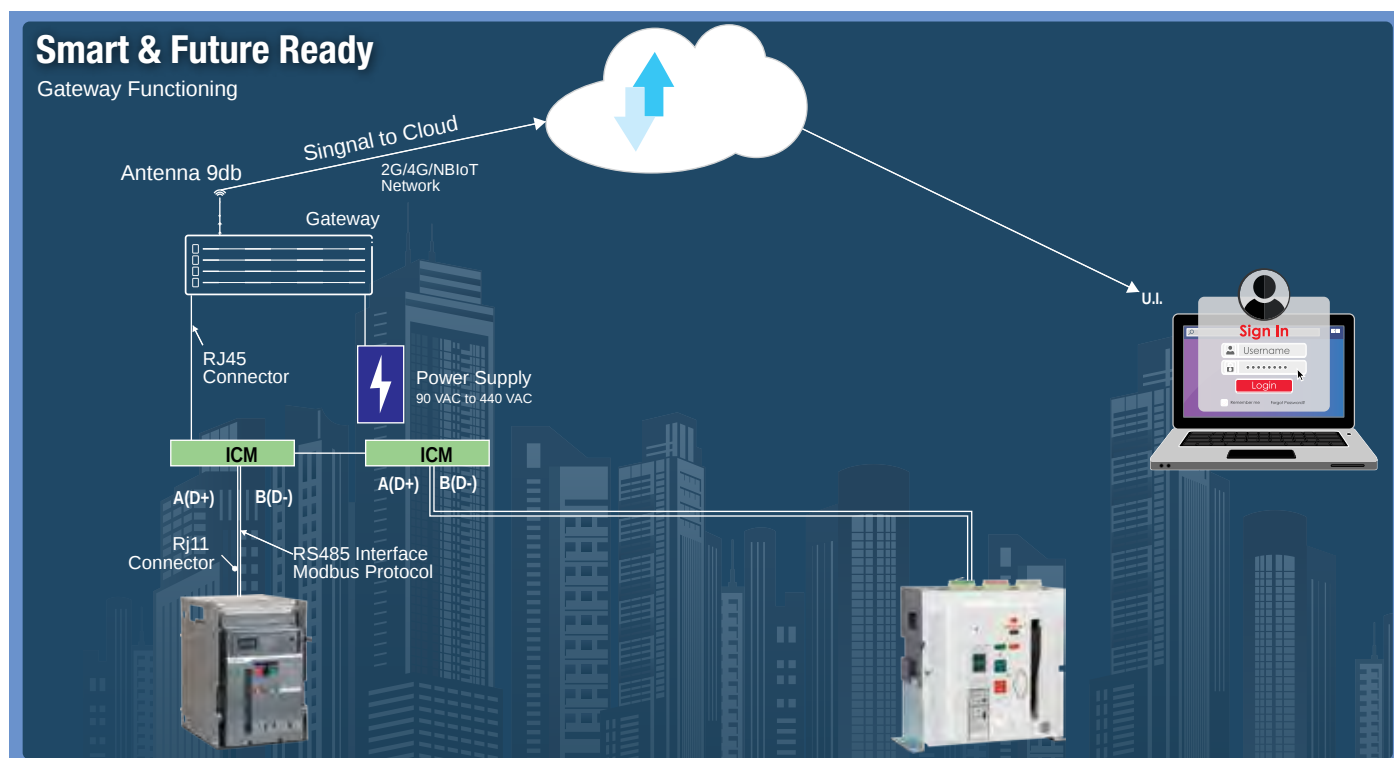


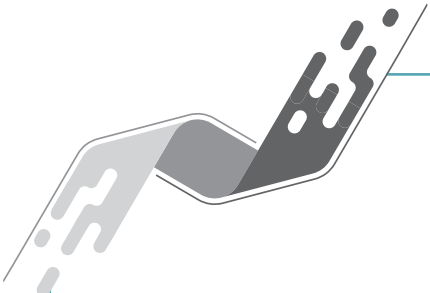
LV Switchgear



ACB Ordering Code Logic

1, 2, 3	4	5	6	7	8, 9	10		11, 12		13
Product	Pole	Breaking Capacity	Mounting Type	IPR	Rating	Closing Coil & Charging Motor		SHT & UVT		Current Transformer
						CC (voltage)	CM (voltage)	UVT (Voltage)	SHT (Voltage)	
IHA	T	E	Manual Fixed = 1	Bus Coupler = 0	400A = 04	24	220 = A	415	24 = 01	If rating same as ACB rating then = 0
	TP	50KA	Manual Drawout = 2	IPR 1 = 1	630A = 06	110	220 = B	415	110 = 02	400A = A
	F	S	Electrical Fixed = 4	IPR 3 = 3	800A = 08	220	220 = C	415	220 = 03	630A = B
	FP	65KA	Electrical Drawout = 5	IPR 5 = 5	1000A = 10	415	220 = D	415	415 = 04	800A = C
		H		IPR E = E	1250A = 12	24	110 = E	415	0 = 05	1000A = D
		75KA			1600A = 16	110	110 = F	220	24 = 06	1250A = E
					2000A = 20	220	110 = G	220	110 = 07	1600A = F
					2500A = 25	415	110 = H	220	220 = 08	2000A = G
						Not req.	Not req. = 0	220	415 = 09	2500A = H
								220	0 = 10	3200A = I
								110	24 = 11	4000A = J
								110	110 = 12	5000A = K
								110	220 = 13	6300A = L
								110	415 = 14	
								110	0 = 15	
								24	24 = 16	
								24	110 = 17	
								24	220 = 18	
								24	415 = 19	
								24	0 = 20	
								0	24 = 21	
								0	110 = 22	
								0	220 = 23	
								0	415 = 24	





Titania

Air Circuit Breaker

400 A – 2500 A



Breaking Capacity @ 415 V	E Frame	S Frame	H Frame
	400 A - 2000 A	400 A - 2000 A	2500 A
Ics=100% Icu	50 kA	65kA	75kA
Icw for 1 s	50kA	50kA	65kA





Titania+
Air Circuit Breaker
3200 A – 6300 A

NEW



Breaking Capacity @ 415 V	A Frame	AA Frame	B Frame	C Frame	D Frame
	630 A - 1600 A	2000 A - 2500 A	3200 A - 4000 A	5000 A	6300 A
Ics=100% Icu	65 kA	85 kA	100 kA	100 kA	150 kA
Icw for 1 s	50 kA	70 kA	85 kA	85 kA	100 kA



Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)



3 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	50 kA	IHATE11060**#	141390.00	IHATE21060**#	183810.00	IHATE4106\$***	IHATE5106\$***
800 A	50 kA	IHATE11080**#	141390.00	IHATE21080**#	183810.00	IHATE4108\$***	IHATE5108\$***
1000 A	50 kA	IHATE11100**#	144140.00	IHATE21100**#	187380.00	IHATE4110\$***	IHATE5110\$***
1250 A	50 kA	IHATE11120**#	160990.00	IHATE21120**#	202725.00	IHATE4112\$***	IHATE5112\$***
1600 A	50 kA	IHATE11160**#	175575.00	IHATE21160**#	220615.00	IHATE4116\$***	IHATE5116\$***
2000 A	50 kA	IHATE11200**#	202725.00	IHATE21200**#	266220.00	IHATE4120\$***	IHATE5120\$***

3 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	65 kA	IHATS11060**#	153910.00	IHATS21060**#	236970.00	IHATS4106\$***	IHATS5106\$***
800 A	65 kA	IHATS11080**#	153910.00	IHATS21080**#	236970.00	IHATS4108\$***	IHATS5108\$***
1000 A	65 kA	IHATS11100**#	161060.00	IHATS21100**#	256085.00	IHATS4110\$***	IHATS5110\$***
1250 A	65 kA	IHATS11120**#	199350.00	IHATS21120**#	289060.00	IHATS4112\$***	IHATS5112\$***
1600 A	65 kA	IHATS11160**#	210975.00	IHATS21160**#	314355.00	IHATS4116\$***	IHATS5116\$***
2000 A	65 kA	IHATS11200**#	226575.00	IHATS21200**#	333900.00	IHATS4120\$***	IHATS5120\$***
2500 A	75 kA	IHATH11250**#	262845.00	IHATH21250**#	391640.00	IHATH4125\$***	IHATH5125\$***

* Please refer table A to Product price list
 To replace \$ Please refer table 1 at page-51
 To replace ** Please refer table 2 at page-51
 To replace # Please refer table 3 at page-51
 Door Flange (Escutcheon Frame) is supplied alongwith ACB

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)



4 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	50 kA	IHAFE11060**#	179010.00	IHAFE21060**#	227370.00	IHAFE4106\$***	IHAFE5106\$***
800 A	50 kA	IHAFE11080**#	179010.00	IHAFE21080**#	227370.00	IHAFE4108\$***	IHAFE5108\$***
1000 A	50 kA	IHAFE11100**#	186955.00	IHAFE21100**#	243040.00	IHAFE4110\$***	IHAFE5110\$***
1250 A	50 kA	IHAFE11120**#	197755.00	IHAFE21120**#	257075.00	IHAFE4112\$***	IHAFE5112\$***
1600 A	50 kA	IHAFE11160**#	219245.00	IHAFE21160**#	282395.00	IHAFE4116\$***	IHAFE5116\$***
2000 A	50 kA	IHAFE11200**#	259480.00	IHAFE21200**#	336285.00	IHAFE4120\$***	IHAFE5120\$***

4 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	65 kA	IHAFS11060**#	193945.00	IHAFS21060**#	334780.00	IHAFS4106\$***	IHAFS5106\$***
800 A	65 kA	IHAFS11080**#	193945.00	IHAFS21080**#	334780.00	IHAFS4108\$***	IHAFS5108\$***
1000 A	65 kA	IHAFS11100**#	224490.00	IHAFS21100**#	343470.00	IHAFS4110\$***	IHAFS5110\$***
1250 A	65 kA	IHAFS11120**#	257160.00	IHAFS21120**#	393450.00	IHAFS4112\$***	IHAFS5112\$***
1600 A	65 kA	IHAFS11160**#	301050.00	IHAFS21160**#	460610.00	IHAFS4116\$***	IHAFS5116\$***
2000 A	65 kA	IHAFS11200**#	321975.00	IHAFS21200**#	470110.00	IHAFS4120\$***	IHAFS5120\$***
2500 A	75 kA	IHAFH11250**#	345825.00	IHAFH21250**#	480765.00	IHAFH4125\$***	IHAFH5125\$***

Titania +

Rating	Pole	MANUAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout
400 A - 1600 A	4 Pole		POR		POR
2000 A - 2500 A					
3200 A	3 Pole / 4 Pole	Price on Request			
4000 A					
5000 A					
6300 A					



* Please refer table A to Product price list
 To replace \$ Please refer table 1 at page-51
 To replace ** Please refer table 2 at page-51
 To replace # Please refer table 3 at page-51

Table - A

List prices Charges for product different version wrt IPR1+ ACB List Price		Per Unit LP (₹)
Bus Coupler w/o Protection	Reduce	20710.00
Micro processor release IPRE+ (LI)	Reduce	8975.00
Micro processor release IPR3+ (LSIG+ LCD Display+Thermal Memory+ Zone selectivity+ Current & Voltage Mesurment+ Advance protection +Over Tempeture Protection)	Add	29090.00
Micro processor release IPR5+ (LCD Display+Thermal Memory+ Zone selectivity+ Advance protection+ Advance Mesurment Over Tempeture Protection+ Maximum Demand + Communication)	Add	40495.00
To Convert Electrical version from Manual version (includes Motor, Shunt trip & Closing Coil)	Add	45925.00

1. Communication Software

HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	SACX0346	Communication software for IRP-5+	POR

2. Spring Charging Motor

HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0358	Charging Motor 110 V	38845.00
2	ISACX0147	Charging Motor 230 V	38845.00

3. Main CT's

HSN Code: 8504

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ICELFACL018	CT 400 A	3355.00
2	ICELFACL001	CT 630 A	3355.00
3	ICELFACL002	CT 800 A	3355.00
4	ICELFACL003	CT 1000A	3535.00
5	ICELFACL004	CT 1250 A	3535.00
6	ICELFACL005	CT 1600 A	3535.00
7	ICELFACL006	CT 2000 A	4745.00
8	ICELFACL007	CT 2500A	4745.00

4. Neutral CTs

HSN Code: 8504

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ICELFACL019	NCT 400 A	3355.00
2	ICELFACL012	NCT 630 A	3355.00
3	ICELFACL013	NCT 800 A	3355.00
4	ICELFACL014	NCT 1000A	3535.00
5	ICELFACL015	NCT 1250 A	3535.00
6	ICELFACL016	NCT 1600 A	3535.00
7	ICELFACL017	NCT 2000 A	4745.00
8	ICELFACL021	NCT 2500A	4745.00



Undervoltage release

5. Under Voltage Trip Device (UVT)

HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0196	220 VAC	4975.00
2	ISACX0197	415 VAC	4975.00



Shunt Trip Coil / Closing Coil

6. Shunt Trip / Closing Coil

HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0170	24 VDC	3540.00
2	ISACX0168	110 VAC/DC	3540.00
3	ISACX0167	220 VAC/DC	3540.00
4	ISACX0212	415 VAC	3540.00

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)



ON/OFF push button cover



Door Interlock



Drawout position lock



Adaptor terminals for Cradle

7. Key Lock / Key Interlock

HSN Code: 8301

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0301	On/Off Button cover	450.00
2	ISACX0353	Key lock (1 lock+1 key)	1820.00
3	ISACX0181	Key interlock (2 locks+1 keys)	2545.00
4	ISACX0210	Key interlock (3 locks+2 keys)	5365.00
5	ISACX0341	Drawout position Lock	2210.00

8. Adaptor Type Terminals (additional price)

(6 nos. reqd. for 3 pole & 8 nos. for 4 pole ACB) HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISSACX0174	630/800 A	4795.00
2	ISSACX0164	1000/1250 A	5270.00
3	ISSACP0434	1600 A	7455.00

9. Other Accessories

HSN Code: 8538

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0208	Door Interlock	3240.00
2	ISACX0028	Close open cycle counter	3190.00



Position Indication Switch



Auxiliary Contacts

*ACBs are supplied with following accessories as standard fitment:

Manual Fixed	Manual Drawout	Electrical Fixed	Electrical Drawout
Aux. Contact Unit 5CO	Aux. Contact Unit 5CO Safety Shutter Aux. Isolating contact unit Horizontal Terminals	Horizontal Terminals Shunt Trip Device Charging Motor Closing Coil	Aux. Contact Unit 5CO Safety Shutter Aux. Isolating contact unit Horizontal Terminals Shunt Trip Device Charging Motor Closing Coil

*Additional accessories except standard fitment are available on extra price.

*Neutral CT is supplied as a standard fitment in 4 Pole ACBs.

*Neutral CT prices are to be added for 3 Pole ACBs for ground fault protection.

*All orders should be accompanied with ACB order form included in catalogue.

*1 This CT is required for GFT in 3 pole ACBs for 4 Pole ACBs main CTs is used as neutral CT.

10. Other Accessories

HSN Code: 8536

S.No.	SAP Code	Description	Per Unit LP (₹)
1	ISACX0207	Spring charge indication switch	2115.00
2	ISACX0349	Trip indication Switch	1335.00
3	ISACX0139	Aux. switch (5 c/o additional)	3250.00
4	ISACX0182	Position indication switch	2325.00
5	ISACX0302	Field test unit	3120.00

Table 1

Closing Coil & Charging Motor		
CC (Voltage)	CM (Voltage)	\$
24 V	220 V	A
110 V	220 V	B
220 V	220 V	C
415 V	220 V	D
24 V	110 V	E
110 V	110 V	F
220 V	110 V	G
415 V	110 V	H

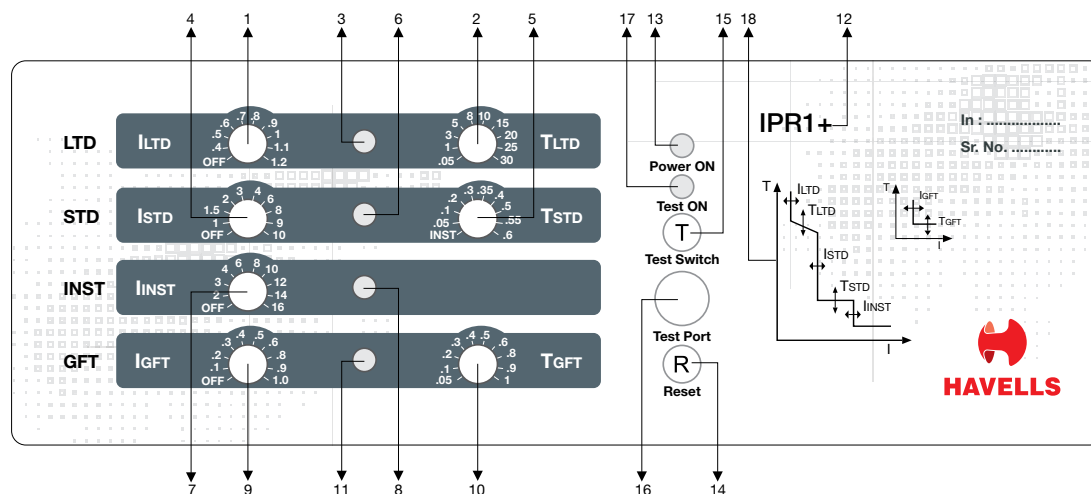
Table 2

UVT & SHT		
UVT (Voltage)	SHT (Voltage)	**
415 V	24 V	01 (Zero one)
415 V	110 V	02
415 V	220 V	03
415 V	415 V	04
415 V	0	05
220 V	24 V	06
220 V	110 V	07
220 V	220 V	08
220 V	415 V	09
220 V	0	10
110 V	24 V	11
110 V	110 V	12
110 V	220 V	13
110 V	415 V	14
110 V	0	15
24 V	24 V	16
24 V	110 V	17
24 V	220 V	18
24 V	415 V	19
24 V	0	20
0	24 V	21
0	110 V	22
0	220 V	23
0	415 V	24
0	0	00 (Zero Zero)

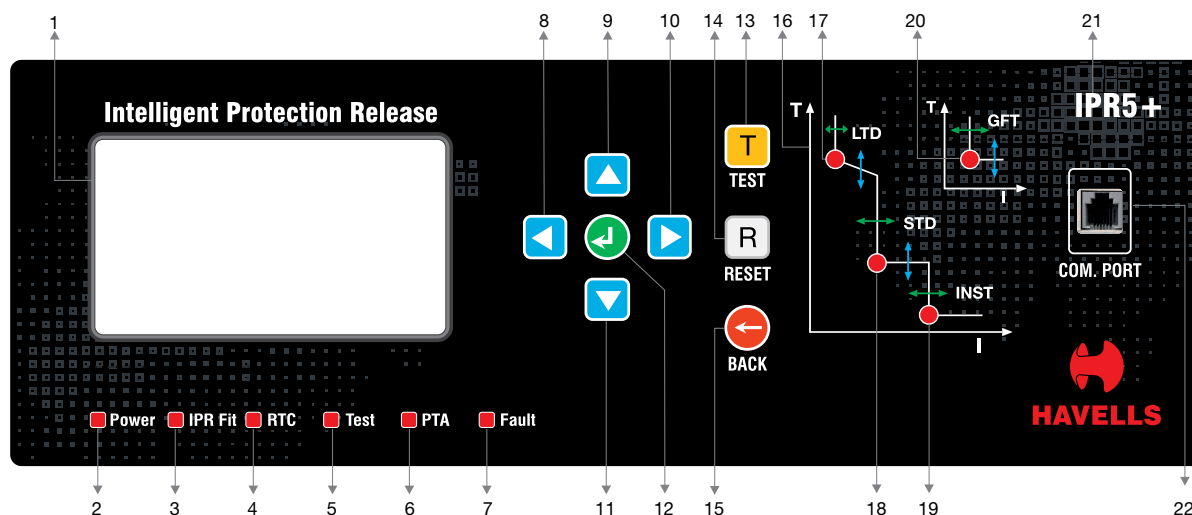
Table 3

Current Transformer	#
CT Rating is same as of ACB	0 (Zero)
400 A	A
630 A	B
800 A	C
1000A	D
1250 A	E
1600 A	F
2000 A	G

Intelligent Protection Releases



Ref.	Description	Ref.	Description
1	Rotary switch for setting LTD current	10	Rotary switch for setting GFT time
2	Rotary switch for setting LTD Time	11	LED indication for GFT fault
3	LED indication for LTD fault	12	Product identification code
4	Rotary switch for setting STD current	13	LED for "Power ON"
5	Rotary switch for setting STD time	14	Reset push button
6	LED indication for STD fault	15	Test push button
7	Rotary switch for setting INST current	16	Socket for test supply
8	LED indication for INST fault	17	LED for "Test ON"
9	Rotary switch for setting GFT current	18	Time current characteristics curve



Ref.	Description	Ref.	Description
1	LCD Screen	12	Enter / Save Push Button
2	LED for "Power ON"	13	Test Push Button
3	LED for "IPR Fit"	14	Reset Push Button
4	LED for "RTC (Ready to Close)"	15	Back Push Button
5	LED for "Test ON"	16	Time Current Characteristic Curve
6	LED for "PTA (Pre-Trip Alarm)"	17	LED Indication for LTD Fault
7	LED for "Faults"	18	LED Indication for STD Fault
8	Scroll "Left" Push Button	19	LED Indication for INST Fault
9	Scroll "Up" Push Button	20	LED Indication for GFT Fault
10	Scroll "Right" Push Button	21	Product Identification Code
11	Scroll "Down" Push Button	22	MODBUS RS-485 Communication Port

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)

New Range of Intelligent Protection Release (IPR)+ (400 A - 2500 A)



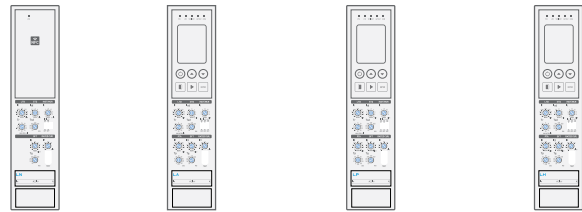
S. No.	Features		IPR E+	IPR 1+	IPR 3+	IPR 5+
	Release settings:		●	●	●	●
1	LTD	Current Setting	●	●	●	●
		Time Setting	●	●	●	●
2	STD	Current Setting		●	●	●
		Time Setting		●	●	●
3	INST	Current Setting	●	●	●	●
4	GFT	Current Setting		●	●	●
		Time Setting		●	●	●
5	PTA	Current Setting			●	●
		Time Setting			●	●
6	Function Blocking		●	●	●	●
7	Field Test Function		●	●	●	●
8	IPR Fit Indicator				●	●
9	Load Shedding Function				●	●
10	Reset Function		●	●	●	●
11	Thermal Memory				●	●
12	LED Indications		●	●	●	●
13	Fault History on Display				●	●
14	Making Current Release		●	●	●	●
15	Zone Selectivity				●	●
16	Circuit Breaker Fail Protection				●	●
17	Operation Counter				●	●
18	Contact Erosion Indicator				●	●
19	Ready to Close (RTC)*				●	●
20	I ² t ON/OFF				●	●
21	LCD Display				●	●
22	Bar Graphs Indication				●	●
23	External Relay Card*				●	●
	Advanced Protection				●	●
24	Under Voltage Release				●	●
25	Over Voltage Release				●	●
26	Under Frequency protection				●	●
27	Over Frequency protection				●	●
28	Voltage unbalance protection				●	●
29	Phase sequence protection				●	●
30	Over Temperature Protection				●	●
	Measurement Module				●	●
31	Current (Both in 3 phase & neutral)				●	●
32	Voltage (both Line & Phase)				●	●
33	Frequency				●	●
34	Temperature (°C)				●	●
35	Maximum Demand					●
36	Apparent Power (kVA)					●
37	Real Power (kW)					●
38	Reactive Power (kVar)					●
39	Power factor					●
40	Communication Enabled (MODBUS)					●

*Provided on request.

Communication software provided on request.

Note: IPR+ releases do not require any external power supply for their basic protection functioning. For other functions and display to run, they require an external power supply of 12 Vdc - 24 Vdc.

Protection Release for Titania+ (3200 A - 6300 A)



Model Name	N Type	A Type	P Type	H Type
	LN	LA	LP	LH
Frequency				
50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Control Power				
External Power	-	●	●	●
Self-Power	●	●	●	●
Protection Function				
LTD (Long Time)	●	●	●	●
STD (Short Time)	●	●	●	●
INST (Instantaneous)	●	●	●	●
Pre-Trip Alarm	-	●	●	●
Ground Fault Trip	●	●	●	●
Thermal Function	●	●	●	●
Field Test	-	●	●	●
Fail Safe	●	●	●	●
Indication				
True RMS Detection Method	●	●	●	●
LED Indication per Trip Type	-	●	●	●
Fault LED	L ¹⁾	PTA, L, S/I, G	PTA, L, S/I, G	PTA, L, S/I, G
Real-Time LCD Indication of Load Rate per Phase	-	●	●	●
Measurement LCD	-	●	●	●
3 Phase current	-	●	●	●
Voltage	-	-	●	●
Power	-	-	●	●
Power factor & power quantity	-	-	●	●
Demand	-	-	●	●
Zone selective interlocking	-	●	●	●
Voltage / current harmonics (1st ~ 63 th)	-	-	-	●
3 Phase wave form	-	-	-	●
TDH, TDD	-	-	-	●
Output Contact				
Integrated Instantaneous Contact (1a)	●	-	-	-
Individual Continuous Contact (4a)	-	●	●	●
Operation				
MCR	-	○	○	○
Communication	NFC	Modbus-RTU	Modbus-RTU	Modbus-RTU
Event/Fault Recording	●	●	●	●

● Standard ○: Option

1) Indicates reserve before operation during long time delay.

Titania Air Circuit Breaker
(Conforms to IS/IEC:60947-2)

Order Form

Please check [] in front of appropriate box. Fill separate sheet for each type of ACB

CUSTOMER/ DEALER NAME		ORDER NO./DATE		END USER NAME									
Rating of ACB	630 A	☐	1000 A	☐	1600 A	☐	2500 A	☐	4000 A	☐	6300 A	☐	Qty.
	800 A	☐	1250 A	☐	2000 A	☐	3200 A	☐	5000 A	☐			
Breaking Capacity Icu	Upto 2500 A		50 kA	☐	65 kA		☐	75 kA		☐			
	3200 A to 6300 A				100 kA		☐	150 kA		☐			
No. of Poles				3	☐	4			☐	4			☐
				(100% Neutral)			(50% Neutral for V-Series only)						
Mounting	Fixed	☐	Drawout	☐	Standard (for E&S series)		☐	Vertical terminals (for H&V series)		☐			
Note: For E & S series - Adapter terminals are on demand													
Spring Charging Operation	Manual	☐	Electrical	☐	Closing Coil		____ VAC / DC						
					Tripping Coil		____ VAC / DC						
					Motor		____ V						
Release	Upto 2500 A		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
			Without Release	IPR E +	IPR 1 +	IPR 3 +	IPR 5 +						
	3200 A to 6300 A		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
			Without Release	LN	LA	LP	LH						
Setting: O/L ____ A, S/C ____ A, Inst. ____ A, GFT ____ A, CT Rating ____ A, Neutral CT ☐													
Note: Unless otherwise specified O/L will be set at maximum value and all other settings would be set at mid values.													
Other Accessories	Close open cycle counter	☐	Five c/o additional Aux. contacts	☐									
	Field test unit	☐	Shunt Trip	☐									
	Position Indication Switch	☐	UVT	☐									
	Spring Charge Indication Switch	☐	Trip Indication Switch	☐									
	Door Interlock	☐	Key Interlock	☐	1L+1K		☐						
					2L+1K		☐						
					3L+2K		☐						

Note :
1. Please specify the voltages for closing coil, shunt trip coil and UVT, available voltages are 24 VDC, 110 VAC / DC, 220 VAC / DC and 415 VAC and for motor available voltages are 220 VAC / DC and 110 VAC / DC.
2. For details of Protection Releases, please refer the chart of technical features.

Compact, Reliable & Robust HIM - Moulded Case Circuit Breakers



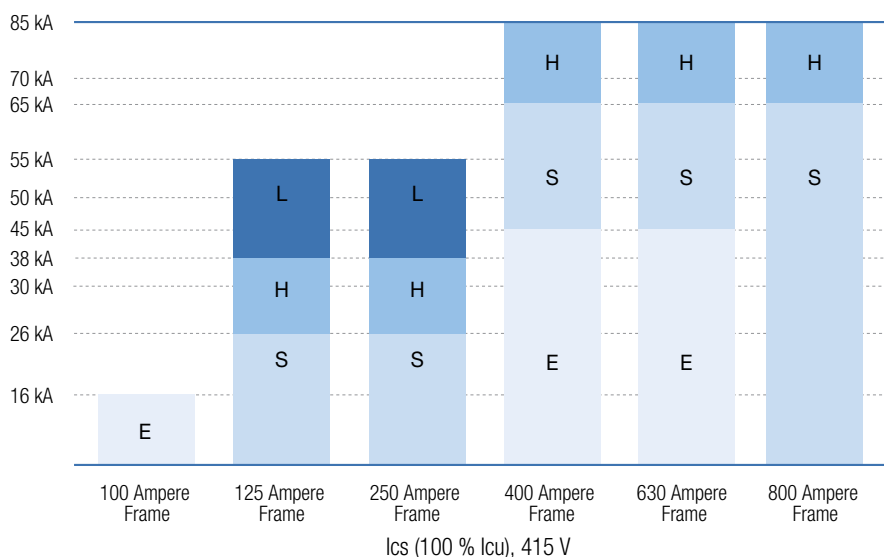
Wide range of Circuit Breakers catering all kind of electrical applications

- HIM Series MCCBs upto 800 A are the natural selection for all kind of electrical distribution / applications.
- Double protective layer ensures high level of safety.
- High Electrical / Mechanical endurance for upgraded service life / dependability.
- All type of accessories for different frame provide greater control over distribution.
- Suitable for isolation.

Advanced Breaking Performance and Various Selectivity

- Wide Product Range: 100 A - 800 A in 5 different frames.
- Thermal magnetic release with thermal adjustability in entire range.
- High breaking capacity with $I_{cs} = 100\% I_{cu}$ from 16 kA to 85 kA.
- 2P, 3P and 4P versions available.
- Standardized Height of Products by Frame: 100 A - 250 A (68 mm), 400 A - 800 A (110 mm).

Rated Short-Circuit Current by Ampere Frame, ($I_{cs} = 100\% I_{cu}$)



Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)



HIM MCCB

Conforms to IS/IEC60947-2

Ics=Icu=100%

16A to 800A

Up to 85kA breaking capacities

Adjustable Thermal & Fixed Magnetic



Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 Vac (kA rms)	Rated Ultimate Short-circuit Breaking Capacity Icu at 250 V (2P in series)-DC (kA)	Current Rating (A)	Frame	Double Pole Cat. No.	Per Unit LP (₹)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole # Cat. No.	Per Unit LP (₹)
16	5	16	HIM 100	IHDA3BBD0016	3630.00	IHDA3BBT0016	4995.00	IHDA3BBF0016	6415.00
		20		IHDA3BBD0020		IHDA3BBT0020		IHDA3BBF0020	
		25		IHDA3BBD0025		IHDA3BBT0025		IHDA3BBF0025	
		32		IHDA3BBD0032		IHDA3BBT0032		IHDA3BBF0032	
		40		IHDA3BBD0040		IHDA3BBT0040		IHDA3BBF0040	
		50		IHDA3BBD0050		IHDA3BBT0050		IHDA3BBF0050	
		63		IHDA3BBD0063		IHDA3BBT0063		IHDA3BBF0063	
		80		IHDA3BBD0080	3985.00	IHDA3BBT0080	5465.00	IHDA3BBF0080	7050.00
		100		IHDA3BBD0100		IHDA3BBT0100		IHDA3BBF0100	
26	15	16	HIM 125	IHDA6OBD0016	5960.00	IHDA6OBT0016	8145.00	IHDA6OBF0016	11230.00
		20		IHDA6OBD0020		IHDA6OBT0020		IHDA6OBF0020	
		25		IHDA6OBD0025		IHDA6OBT0025		IHDA6OBF0025	
		32		IHDA6OBD0032		IHDA6OBT0032		IHDA6OBF0032	
		40		IHDA6OBD0040		IHDA6OBT0040		IHDA6OBF0040	
		50		IHDA6OBD0050		IHDA6OBT0050		IHDA6OBF0050	
		63		IHDA6OBD0063		IHDA6OBT0063		IHDA6OBF0063	
		80		IHDA6OBD0080		IHDA6OBT0080		IHDA6OBF0080	
		100		IHDA6OBD0100		IHDA6OBT0100		IHDA6OBF0100	
		125	HIM 250	IHDA6OBD0125	7180.00	IHDA6OBT0125	9785.00	IHDA6OBF0125	13560.00
		150				IHD2HOBT0150	16230.00	IHD2HOBF0150	19290.00
		160				IHD2HOBT0160		IHD2HOBF0160	
		200				IHD2HOBT0200	21675.00	IHD2HOBF0200	27450.00
		225				IHD2HOBT0225	24760.00	IHD2HOBF0225	31230.00
		250				IHD2HOBT0250		IHD2HOBF0250	
38	20	16	HIM 125	IHDA6TBD0016	8215.00	IHDA6TBT0016	11310.00	IHDA6TBF0016	13990.00
		20		IHDA6TBD0020		IHDA6TBT0020		IHDA6TBF0020	
		25		IHDA6TBD0025		IHDA6TBT0025		IHDA6TBF0025	
		32		IHDA6TBD0032		IHDA6TBT0032		IHDA6TBF0032	
		40		IHDA6TBD0040		IHDA6TBT0040		IHDA6TBF0040	
		50		IHDA6TBD0050		IHDA6TBT0050		IHDA6TBF0050	
		63		IHDA6TBD0063		IHDA6TBT0063		IHDA6TBF0063	
		80		IHDA6TBD0080		IHDA6TBT0080		IHDA6TBF0080	
		100		IHDA6TBD0100		IHDA6TBT0100		IHDA6TBF0100	
		125	HIM 250	IHDA6TBD0125	9330.00	IHDA6TBT0125	12910.00	IHDA6TBF0125	15710.00
		150				IHD2HTBT0150	19405.00	IHD2HTBF0150	22935.00
		160				IHD2HTBT0160		IHD2HTBF0160	
		200				IHD2HTBT0200	22560.00	IHD2HTBF0200	27985.00
		225				IHD2HTBT0225	25310.00	IHD2HTBF0225	31030.00
		250				IHD2HTBT0250		IHD2HTBF0250	
45	20	300	HIM 400			IHDA9UBT0300		IHDA9UBF0300	
		350				IHDA9UBT0350	31750.00	IHDA9UBF0350	38350.00
		400				IHDA9UBT0400		IHDA9UBF0400	
		500	HIM 630			IHD3HUBT0500	45845.00	IHD3HUBF0500	55455.00
		630				IHD3HUBT0630		IHD3HUBF0630	

Note : Adjustable thermal (80% -100%) - In TP & FP upto HIM 250. #FP with Switched Neutral.
Adjustable thermal (63% -100%) - In TP & FP From HIM 400 to HIM 800.
2 nos for TP & 3 nos for FP phase separator is available in standard packaging alongwith MCCB.
MCCBs are without extended terminals, however extended terminals are available on request at extra price for these ratings

Effective from 11th March, 2024

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 56**



Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 Vac (kA rms)	Rated Ultimate Short-circuit Breaking Capacity Icu at 250 V (2P in series)-DC (kA)	Current Rating (A)	Frame	Double Pole Cat. No.	Per Unit LP (₹)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole # Cat. No.	Per Unit LP (₹)
55	30	16	HIM 125	IHDA6VBD0016	10330.00	IHDA6VBT0016	14325.00	IHDA6VBF0016	17460.00
		20		IHDA6VBD0020		IHDA6VBT0020		IHDA6VBF0020	
		25		IHDA6VBD0025		IHDA6VBT0025		IHDA6VBF0025	
		32		IHDA6VBD0032		IHDA6VBT0032		IHDA6VBF0032	
		40		IHDA6VBD0040		IHDA6VBT0040		IHDA6VBF0040	
		50		IHDA6VBD0050		IHDA6VBT0050		IHDA6VBF0050	
		63		IHDA6VBD0063		IHDA6VBT0063		IHDA6VBF0063	
		80		IHDA6VBD0080		IHDA6VBT0080		IHDA6VBF0080	
		100		IHDA6VBD0100		IHDA6VBT0100		IHDA6VBF0100	
		125		IHDA6VBD0125		IHDA6VBT0125		IHDA6VBF0125	
		150	HIM 250		12815.00	IHD2HVB0150	24015.00	IHD2HVB0150	28630.00
		160				IHD2HVB0160		IHD2HVB0160	
		200				IHD2HVB0200	24770.00	IHD2HVB0200	31600.00
		225				IHD2HVB0225	26790.00	IHD2HVB0225	33685.00
		250				IHD2HVB0250		IHD2HVB0250	
		300	HIM 400			IHDA9LBT0300	32235.00	IHDA9LBT0300	38140.00
65	25	350				IHDA9LBT0350		IHDA9LBT0350	
		400				IHDA9LBT0400		IHDA9LBT0400	
		500	HIM 630			IHD3HLBT0500	46245.00	IHD3HLBT0500	56845.00
		630				IHD3HLBT0630		IHD3HLBT0630	
		700	HIM 800			IHD4HLBT0700	52250.00	IHD4HLBT0700	67405.00
		800				IHD4HLBT0800		IHD4HLBT0800	
85	40	300	HIM 400			IHDA9MBT0300	39910.00	IHDA9MBT0300	45955.00
		350				IHDA9MBT0350		IHDA9MBT0350	
		400	HIM 630			IHDA9MBT0400	54320.00	IHDA9MBT0400	66785.00
		500				IHD3HMBT0500		IHD3HMBT0500	
		630				IHD3HMBT0630		IHD3HMBT0630	
		700	HIM 800			IHD4HMBT0700	62470.00	IHD4HMBT0700	80360.00
		800				IHD4HMBT0800		IHD4HMBT0800	

Accessories for HIM Series Moulded Case Circuit Breakers

Description		HIM 100 / 125 / 250 / Frame		HIM 400 / 630 / 800 Frame	
Shunt Trip					
24 Vdc	ISSLEU0800	1850.00	ISSLEU0889	2565.00	
48 Vdc	ISSLEU0801				
60 Vdc	ISSLEU0802				
100 Vdc -120 Vdc	ISSLEU1634				
125 Vdc	ISSLEU0803				
100 Vdc -125 Vdc			ISSLEU0907		
100 Vac -120 Vac	ISSLEU0905	1850.00	ISSLEU0908	2565.00	
200 Vac -250 Vac	ISSLEU0906		ISSLEU0890		
380 Vac - 415 Vac	ISLEU0888		On Request		
Under Voltage Release					
24 Vdc	ISSLEU0804	2975.00	ISSLEU0912	3645.00	
48 Vdc	ISSLEU0805				
100 Vdc - 110 Vdc	ISSLEU0909				
100 Vac - 120 Vac	ISSLEU0910		ISSLEU0914	3645.00	
200 Vac - 230 Vac	ISSLEU0893		ISSLEU0895		
380 Vac - 415 Vac	ISSLEU0894		ISSLEU0896		



SHT



UVT

Note : Adjustable thermal (80% -100%) - In TP & FP upto HIM 250. #FP with Switched Neutral.
Adjustable thermal (63% -100%) - In TP & FP From HIM 400 to HIM 800.
2 nos for TP & 3 nos for FP phase separator is available in standard packaging alongwith MCCB.
MCCBs are without extended terminals, however extended terminals are available on request at extra price for these ratings

Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Accessories for HIM Series Moulded Case Circuit Breakers

Description	HIM 100 / 125 / 250 / Frame		HIM 400 / 630 / 800 Frame	
Auxiliary Contact (250 Vac / 250 Vdc) (450 Vac / 250 Vdc)				
1-Changeover	ISSLEU0791	990.00	ISSLEU0793	1090.00
2-Changeover	ISSLEU0792	1760.00		
Alarm Switch (Left side only)	ISSLEU0794	990.00	ISSLEU0796	1090.00
Alarm Switch (Right side only)	ISSLEU0795			
Auxiliary + Alarm Switch				
Left side only	ISSLEU0799	1710.00		
Right side only	ISSLEU0797			
Pad Lock Device	ISSLEU0844	1215.00	ISSLEU0845	1490.00
DIN Rail	ISSLEU0887	870.00		
Auxiliary Handle			ISSLEU0846	1490.00



AUX



Motor Operator



Direct Rotary Handle



Extended Rotary Handle

Description	HIM 100 Frame		HIM 125 Frame		HIM 250 Frame		HIM 400 Frame		HIM 630 / 800 Frame	
Rotary Handle										
Direct mounting	ISSLEU0806	1410.00	ISSLEU0809	1410.00	ISSLEU0812	1410.00	ISSLEU0815	2050.00	ISSLEU0916	3190.00
Door Mounting	ISSLEU0820	1870.00	ISSLEU0821	1980.00	ISSLEU0822	2170.00	ISSLEU0823	3365.00	ISSLEU0824	4165.00
Mechanical Interlock										
2 Pole	ISSLEU0825	1365.00	ISSLEU0829	1365.00						
3 Pole	ISSLEU0826	2545.00	ISSLEU0830	2545.00	ISSLEU0833	3085.00	ISSLEU0836	4940.00	ISSLEU0838	5730.00
4 Pole (N-R-S-T)	ISSLEU0828	3035.00	ISSLEU0832	3035.00	ISSLEU0835	3750.00	ISSLEU0837	5790.00	ISSLEU0843	6795.00
Motor Operator										
24 Vdc	ISSLEU0917	31295.00	ISSLEU0897	31295.00	ISSLEU0899	31295.00	ISSLEU0901	44405.00	ISSLEU0903	49475.00
110 Vac / Vdc	ISSLEU0918		ISSLEU0920		ISSLEU0921		ISSLEU0922		ISSLEU0923	
240 Vac / Vdc	ISSLEU0919		ISSLEU0898		ISSLEU0900		ISSLEU0902		ISSLEU0904	

Description	HIM 100 Frame		HIM 125 Frame		HIM 250 Frame		HIM 400 Frame		HIM 630 Frame		HIM 800 Frame	
Spreader Terminals - Extended Type												
3 Pole (Set of 3)	ISSLEX1158	195.00	ISSLEX1160	250.00	ISSLEX1162	685.00	ISSLEX1164	1770.00	ISSLEX1168	1870.00	ISSLEX1166	3845.00
4 Pole (Set of 4)	ISSLEX1159	305.00	ISSLEX1161	360.00	ISSLEX1163	1050.00	ISSLEX1165	2310.00	ISSLEX1169	2505.00	ISSLEX1167	4730.00
Terminal Cover - Long Type												
2 Pole	ISSLEU0858	525.00	ISSLEU0864	525.00								
3 Pole	ISSLEU0859	790.00	ISSLEU0865	790.00	ISSLEU0869	1090.00	ISSLEU0873	2240.00	ISSLEU0877	2240.00		
4 Pole	ISSLEU0860	895.00	ISSLEU0866	895.00	ISSLEU0870	1275.00	ISSLEU0874	3130.00	ISSLEU0878	3130.00		
Phase Barrier												
2 Pole (Set of 1)	ISSLEU0924	65.00	ISSLEU0924	65.00	ISSLEU0882	85.00						
3 Pole (Set of 2)	ISSLEU0880	120.00	ISSLEU0880	120.00	ISSLEU0883	175.00	ISSLEU0885	695.00	ISSLEU0885	695.00	ISSLEU0885	695.00
4 Pole (Set of 3)	ISSLEU0881	185.00	ISSLEU0881	185.00	ISSLEU0884	250.00	ISSLEU0886	1040.00	ISSLEU0886	1040.00	ISSLEU0886	1040.00
Enclosure												
3 Pole	ISSBOU1189	1945.00	ISSBOU1191	2050.00	ISSBOU1193	2665.00	ISSBOU1195	9810.00	ISSBOU1197	10190.00	ISSBOU1199	10190.00
4 Pole	ISSBOU1190		ISSBOU1192		ISSBOU1194		ISSBOU1196		ISSBOU1198		ISSBOU1200	

The Compact Reliable Performer

Loadline MCCB Range

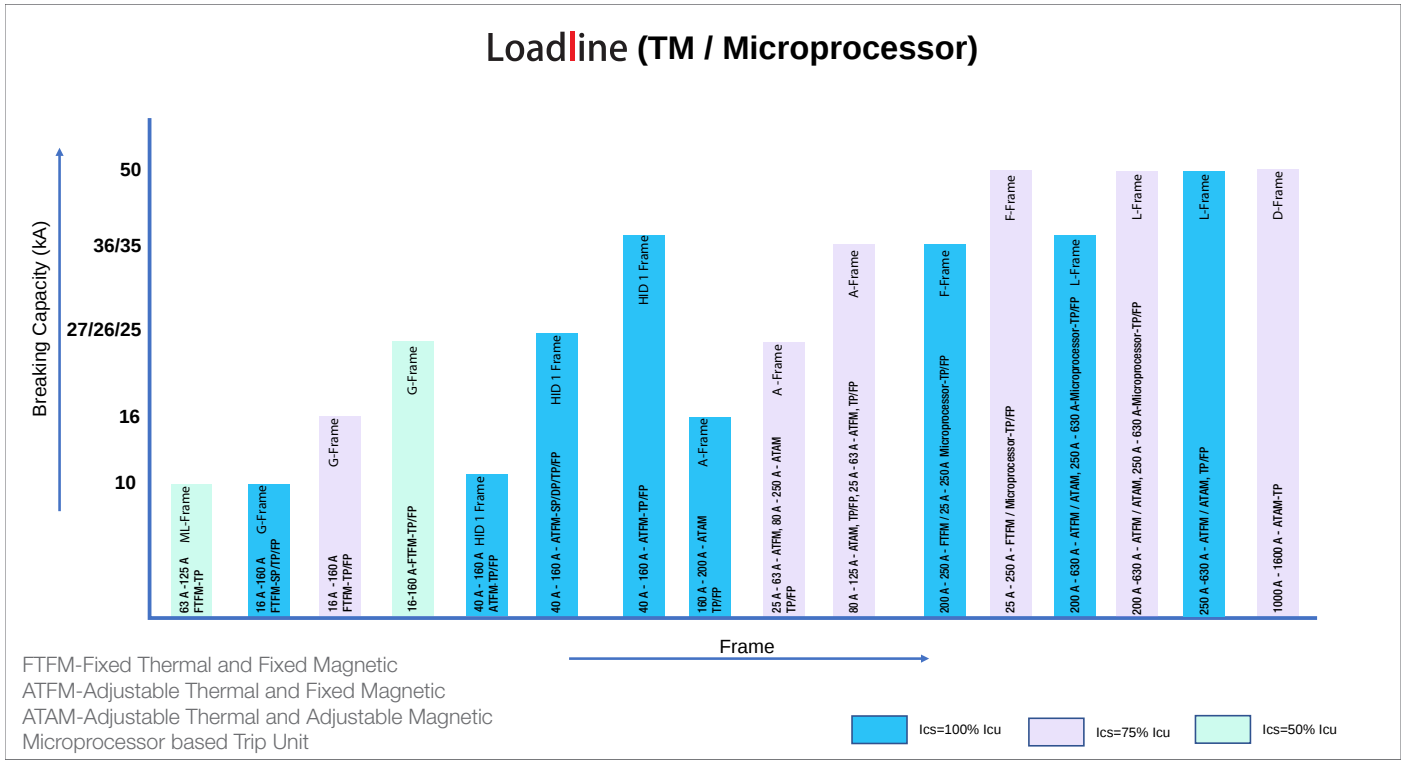


- Current Rating: 15 A to 1600 A • Execution: 1P, 2P, 3P & 4P • Breaking Capacity: 10 kA to 50 kA
- Compact □ Thermal Magnetic & Microprocessor release □ Precise and reliable protection

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

MCCB Selection Chart



Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Fixed Thermal & Fixed Magnetic

HSN Code: 8536

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Frame	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
10	50%	15 A	SH	IHLSHAAT0015	POR		
		20 A		IHLSHAAT0020			
		32 A		IHLSHAAT0032			
		40 A		IHLSHAAT0040			
		63 A	ML1	IHLM1AAT0063	2070.00		
		80 A		IHLM1AAT0080#	2120.00		
		100 A		IHLM1AAT0100#	2215.00		
		125 A		IHLM1AAT0125#	2905.00		
	100%	25 A	GS	IHLGST0025	2345.00	IHLGSF0025	3060.00
		32 A		IHLGST0032		IHLGSF0032	
		40 A		IHLGST0040		IHLGSF0040	
		50 A		IHLGST0050		IHLGSF0050	
		63 A		IHLGST0063	2345.00	IHLGSF0063	3090.00
		80 A		IHLGSAA30080	2345.00	IHLGSAA40080	3090.00
				IHLGST0080#	2440.00	IHLGSF0080#	3685.00
				IHLGS30100	2345.00	IHLGS40100	3090.00
				IHLGST0100#	2440.00	IHLGSF0100#	3685.00
				IHLGST0125#	3575.00	IHLGSF0125#	4230.00
		150 A		IHLGST0150#	4610.00	IHLGSF0150#	6105.00
		160 A		IHLGST0160#		4610.00	
16	75%	25 A	GN (Suitable for DC application 5 kA at 250 V DC, 2P in series)	IHLGNT0025	4575.00	IHLGNF0025	5400.00
		32 A		IHLGNT0032		IHLGNF0032	
		40 A		IHLGNT0040		IHLGNF0040	
		50 A		IHLGNT0050		IHLGNF0050	
		63 A		IHLGNT0063	4575.00	IHLGNF0063	5400.00
		80 A		IHLGNT0080#	4665.00	IHLGNF0080#	5700.00
		100 A		IHLGNT0100#		IHLGNF0100#	
		125 A		IHLGNT0125#	5125.00	IHLGNF0125#	5955.00
		150 A		IHLGNT0150#	5985.00	IHLGNBAF0150#	6920.00
		160 A		IHLGNT0160#		IHLGNF0160#	
25	50%	25 A	GH	IHLGHT0025	5185.00	IHLGHF0025	6530.00
		32 A		IHLGHT0032		IHLGHF0032	
		40 A		IHLGHT0040		IHLGHF0040	
		50 A		IHLGHT0050		IHLGHF0050	
		63 A		IHLGHT0063	5210.00	IHLGHF0063	6560.00
		80 A		IHLGHT0080#	5325.00	IHLGHF0080#	6560.00
		100 A		IHLGHT0100#		IHLGHF0100#	
		125 A		IHLGHT0125#	6195.00	IHLGHF0125#	8155.00
		150 A		IHLGHT0150#	8820.00	IHLGHF0150#	10290.00
		160 A		IHLGHT0160#		IHLGHF0160#	
35	100%	200 A	FN	IHLFN30200	21045.00	IHLFN40200	26360.00
		250 A		IHLFN30250	23640.00	IHLFN40250	28820.00
50	75%	25 A	FH	IHLFHT0025	12565.00	IHLFHF0025	13330.00
		32 A		IHLFHT0032		IHLFHF0032	
		40 A		IHLFHT0040		IHLFHF0040	
		50 A		IHLFHT0050		IHLFHF0050	
		63 A		IHLFHT0063	13425.00	IHLFHF0063	14905.00
		80 A		IHLFHFA30080		IHLFHFA40080	
		100 A		IHLFH30100	15580.00	IHLFH40100	18660.00
		125 A		IHLFH30125		IHLFH40125	
		160 A		IHLFH30160	19325.00	IHLFH40160	22575.00
		200 A		IHLFH30200	22465.00	IHLFH40200	28340.00
		250 A		IHLFH30250	24820.00	IHLFH40250	30930.00

Phase barriers are supplied along with MCCBs
Spreader terminals are available as an accessories, refer page no. 66
Both side terminal are included
##FP with Switched Netural.

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Adjustable Thermal & Fixed Magnetic

HSN Code: 8536

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Frame	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
10	100%	40 A	HID 1	IHLE1ABT0040	4535.00	IHLE1ABF0040	5290.00
		50 A		IHLE1ABT0050		IHLE1ABF0050	
		63 A		IHLE1ABT0063		IHLE1ABF0063	
		80 A		IHLE1AB30080	4730.00	IHLE1AB40080	5485.00
		100 A		IHLE1AB30100		IHLE1AB40100	
		125 A		IHLE1AB30125		IHLE1AB40125	
		160 A		IHLE1AB30160		IHLE1AB40160	
25	75%	25 A	AS (Suitable for DC application 10 kA at 250 V DC, 2P in series)	IHLAST0025	7455.00	IHLASF0025	8795.00
		32 A		IHLAST0032		IHLASF0032	
		40 A		IHLAST0040		IHLASF0040	
		50 A		IHLAST0050		IHLASF0050	
		63 A		IHLAST0063		IHLASF0063	
27	100%	40 A	HID 1	IHA13DBT0040	7085.00	IHA13DBF0040	8250.00
		50 A		IHA13DBT0050		IHA13DBF0050	
		63 A		IHA13DBT0063		IHA13DBF0063	
		80 A		IHA13DB30080		IHA13DB40080	
		100 A		IHA13DB30100	8510.00	IHA13DB40100	10150.00
		125 A		IHA13DB30125		IHA13DB40125	
		160 A		IHA13DB30160		IHA13DB40160	
35	75%	25 A	AN	IHLANT0025	POR	IHLANF0025	POR
		32 A		IHLANT0032		IHLANF0032	
		40 A		IHLANT0040		IHLANF0040	
		50 A		IHLANT0050		IHLANF0050	
		63 A		IHLANT0063		IHLANF0063	
36	100%	40 A	HID 1	IHA13EBT0040	9830.00	IHA13EBF0040	11710.00
		50 A		IHA13EBT0050		IHA13EBF0050	
		63 A		IHA13EBT0063		IHA13EBF0063	
		80 A		IHA13EB30080		IHA13EB40080	
		100 A		IHA13EB30100		IHA13EB40100	
		125 A		IHA13EB30125	11255.00	IHA13EB40125	13275.00
		160 A		IHA13EB30160	11950.00	IHA13EB40160	13975.00
		200 A	LS	IHLLSEB30200	22130.00	IHLLSEB40200	26415.00
		250 A		IHLLSEB30250	24830.00	IHLLSEB40250	29660.00
		320 A		IHLLSEB30320	26700.00	IHLLSEB40320	32805.00
		400 A		IHLLSEB30400	39130.00	IHLLSEB40400	48470.00
		500 A		IHLLSEB30500		IHLLSEB40500	
		630 A		IHLLSEB30630		IHLLSEB40630	
50	75%	200 A	LN	IHLLNFB30200	24530.00	IHLLNFB40200	29040.00
		250 A		IHLLNFB30250	26535.00	IHLLNFB40250	31390.00
		320 A		IHLLNFB30320	28670.00	IHLLNFB40320	34690.00
		400 A		IHLLNFB30400		IHLLNFB40400	
		500 A		IHLLNFB30500	41795.00	IHLLNFB40500	51310.00
		630 A		IHLLNFB30630		IHLLNFB40630	



Adjustable thermal (70%-100%) in TP & FP for HID1 / A frame / D frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Phase barriers are supplied along with MCCBs
Spreader terminals are available as an accessories, refer page no. 66
Both side terminal are included
##FP with Switched Neutral.

Effective from 11th March, 2024

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 62**

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Adjustable Thermal & Adjustable Magnetic

HSN Code: 8536

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Frame	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)	
16	100%	160 A	AS	IHLASBC30160	8465.00	IHLASBC40160	11625.00	
		200 A		IHLASBC30200	10030.00	IHLASBC40200	12695.00	
25	75%	80 A	AS (Suitable for DC application 10 kA at 250 V DC 2P in series)	IHLASDC30080	7585.00	IHLASDC40080	9180.00	
		100 A		IHLASDC30100		IHLASDC40100		
		125 A		IHLASDC30125		IHLASDC40125		
		160 A	AN (Suitable for DC application 10 kA at 250 V DC 2P in series)	IHLANDC30160	10415.00	IHLANDC40160	12465.00	
		200 A		IHLANDC30200	10560.00	IHLANDC40200	12990.00	
		250 A		IHLANDC30250	11400.00	IHLANDC40250	14410.00	
35	75%	80 A	AN	IHLANEC30080	10370.00	IHLANEC40080	12365.00	
		100 A		IHLANEC30100		IHLANEC40100		
		125 A		IHLANEC30125		IHLANEC40125		
36	100%	200 A	LS	IHLLSEC30200	23115.00	IHLLSEC40200	27115.00	
		250 A		IHLLSEC30250	25510.00	IHLLSEC40250	30305.00	
		320 A		IHLLSEC30320	29300.00	IHLLSEC40320	35780.00	
		400 A		IHLLSEC30400		IHLLSEC40400		
		500 A		IHLLSEC30500	39880.00	IHLLSEC40500	49490.00	
		630 A		IHLLSEC30630		IHLLSEC40630		
50	75%	200 A	LN	IHLNFC30200	27545.00	IHLNFC40200	32440.00	
		250 A		IHLNFC30250	29730.00	IHLNFC40250	34980.00	
		320 A		IHLNFC30320	30690.00	IHLNFC40320	37300.00	
		400 A		IHLNFC30400		IHLNFC40400		
		500 A		IHLNFC30500	43090.00	IHLNFC40500	52730.00	
		630 A		IHLNFC30630		IHLNFC40630		
	100%	250 A	NEW L	IHLLSFC30250	30385.00	IHLLSFC40250	36155.00	
		320 A		IHLLSFC30320	31555.00	IHLLSFC40320	37710.00	
		400 A		IHLLSFC30400		IHLLSFC40400		
		500 A		IHLLSFC30500	44625.00	IHLLSFC40500	53340.00	
		630 A		IHLLSFC30630		IHLLSFC40630		
	75%	1000 A	DN	IHLDNT1000	150890.00			
		1250 A		IHLDNT1250	173000.00			
		1600 A		IHLDNT1600	186460.00			

Single Pole And Double Pole MCCB

HSN Code: 8536

Rated Ultimate Shortcircuit Breaking Capacity Icu at 240 V AC (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 240 V AC (kA rms)	Current Rating (A)	Frame	Single Pole Cat. No.	Per Unit LP (₹)	Rated Ultimate Shortcircuit Breaking Capacity Icu at 240 V AC (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 240 V AC (kA rms)	Double Pole Cat. No.	Per Unit LP (₹)
10	100%	25 A	GS	IHLGSS0025	1080.00				
		32 A		IHLGSS0032					
		40 A		IHLGSS0040					
		50 A		IHLGSS0050					
		63 A		IHLGSS0063					
		80 A		IHLGSS0080#	1080.00				
		100 A		IHLGSS0100#	1290.00				
		125 A		IHLGSS0125#					
		150 A		IHLGSS0150#	1390.00				
		160 A		IHLGSS0160#					
27	100%	40 A	HID 1	IHA13DBS0040	3725.00	36	100%	IHA13DBD0040	5445.00
		50 A		IHA13DBS0050				IHA13DBD0050	
		63 A		IHA13DBS0063				IHA13DBD0063	
		80 A		IHA13DB10080				IHA13DB20080	
		100 A		IHA13DB10100				IHA13DB20100	
		125 A		IHA13DB10125	4475.00			IHA13DB20125	6550.00
		160 A		IHA13DB10160	5105.00			IHA13DB20160	7465.00

Adjustable thermal (70%-100%) in TP & FP for HID1 / A frame / D frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Please refer catalogue for magnetic adjustability details
Phase barriers are supplied along with MCCBs
Spreader terminals are available as an accessories, refer page no. 66
Both side terminal are included
##FP with Switched Neutral

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Microprocessor MCCB

Adjustable Overload, Short-circuit, Ground fault (4 Pole) & Fixed Instantaneous
Neutral Protection (4 Pole)

HSN Code: 8536

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Frame	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
35	100%	25 A	FEN	IHLFENT0025	16310.00	IHLFENF0025	21115.00
		32 A		IHLFENT0032		IHLFENF0032	
		40 A		IHLFENT0040		IHLFENF0040	
		50 A		IHLFENT0050		IHLFENF0050	
		63 A		IHLFENT0063		IHLFENF0063	
		80 A		IHLFEN30080		IHLFEN40080	
		100 A		IHLFEN30100		IHLFEN40100	
		125 A		IHLFEN30125		IHLFEN40125	
		160 A		IHLFEN30160	20645.00	IHLFEN40160	26085.00
		200 A		IHLFEN30200	28495.00	IHLFEN40200	33535.00
		250 A		IHLFEN30250		IHLFEN40250	
36	100%	250 A	LES	IHLLSEE30250	38095.00	IHLLSEE40250	46110.00
		320 A		IHLLSEE30320		IHLLSEE40320	
		400 A		IHLLSEE30400		IHLLSEE40400	
		500 A		IHLLSEE30500	42665.00	IHLLSEE40500	56960.00
		630 A		IHLLSEE30630		IHLLSEE40630	
50	75%	25 A	FEH	IHLFEHT0025	19435.00	IHLFEHF0025	24895.00
		32 A		IHLFEHT0032		IHLFEHF0032	
		40 A		IHLFEHT0040		IHLFEHF0040	
		50 A		IHLFEHT0050		IHLFEHF0050	
		63 A		IHLFEHT0063		IHLFEHF0063	
		80 A		IHLFEH30080		IHLFEH40080	
		100 A		IHLFEH30100		IHLFEH40100	
		125 A		IHLFEH30125		IHLFEH40125	
		160 A		IHLFEH30160	25430.00	IHLFEH40160	31465.00
		200 A		IHLFEH30200	32600.00	IHLFEH40200	37875.00
		250 A		IHLFEH30250		IHLFEH40250	
		250 A	LEN	IHLLNFE30250	41505.00	IHLLNFE40250	51975.00
		320 A		IHLLNFE30320		IHLLNFE40320	
		400 A		IHLLNFE30400		IHLLNFE40400	
		500 A		IHLLNFE30500	44360.00	IHLLNFE40500	58180.00
		630 A		IHLLNFE30630		IHLLNFE40630	

Phase barriers are supplied along with MCCBs
 Spreader terminals are available as an accessories, refer page no. 66
 Only one internal accessories can be fitted in microprocessor MCCB
 # Both side terminal are included
 ##FP with Switched Neutral
 For Communication enabled MCCB please contact with nearest branch



Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Spreader Terminal kit (1 side)

Frame Size	RATING	POLE	FG CODES	Per Unit LP (₹)
GS, GN, GH	80 A - 100 A	1P	ISSLGX0153	70.00
		3P	ISSLGX0154	195.00
		4P	ISSLGX0155	305.00
	125 A	1P	ISSLGX0156	85.00
		3P	ISSLGX0157	250.00
		4P	ISSLGX0158	360.00
	160 A	1P	ISSLGX0159	110.00
		3P	ISSLGX0160	335.00
		4P	ISSLGX0161	445.00
AS, AN, AH	80 A~100 A	3P	ISSLAX0121	290.00
		4P	ISSLAX0122	400.00
	125 A~200 A	3P	ISSLAX0124	425.00
		4P	ISSLAX0125	580.00
	250 A	3P	ISSLAX0127	725.00
		4P	ISSLAX0128	1050.00
LS, LN	200 A~400 A	3P	ISSLLX0065	1770.00
		4P	ISSLLX0066	2310.00
	500 A~630 A	3P	ISSLLX0067	1870.00
		4P	ISSLLX0068	2505.00
FN, FH	80 A~100 A	3P	ISSLFX0074	290.00
		4P	ISSLFX0075	400.00
	125 A~160 A	3P	ISSLFX0076	425.00
		4P	ISSLFX0077	580.00
	200 A~250 A	3P	ISSLFX0078	725.00
		4P	ISSLFX0079	1050.00
HID 1	80 A~100 A	1P	ISSLHX4273	85.00
	125 A~160 A	1P	ISSLHX4274	110.00
	80 A~100 A	2P	ISSLHX4275	170.00
	125 A~160 A	2P	ISSLHX4276	220.00
	80 A~100 A	3P	ISSLHX4277	250.00
	125 A~160 A	3P	ISSLHX4278	335.00
	80 A~100 A	4P	ISSLHX4279	360.00
	125 A~160 A	4P	ISSLHX4280	480.00



Enclosures for MCCBs

HSN Code: 8538

Sl.No.	Description	Item Code	Per Unit LP (₹)
1.	'ML' Frame TP	IHEMTP	2155.00
2.	'G' Frame TP	IHEGTP	
3.	'G' Frame FP	IHEGFP	
4.	'A' Frame TP	IHEATP	2475.00
5.	'A' Frame FP	IHEAFP	
6.	'F' Frame TP	IHEFTP	2605.00
7.	'F' Frame FP	IHEFFP	
8.	'L' Frame TP	IHELTP	9785.00
9.	'L' Frame FP	IHELFP	
10.	HID 1 Frame TP	ISSBOU1117	2320.00
11.	HID 1 Frame FP	ISSBOU1118	

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Loadline Moulded Case Circuit Breakers Accessories

HSN Code: 8538

Description	'G' / 'ML' Frame		'A' Frame		HID 1 Frame		'L' Frame		'F' Frame	
	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)
Shunt Trip										
100 Vac - 110 Vac	IHLGS110	1225.00	IHLAS110	1785.00	ISSLEU0438	1785.00	IHLLS110	2500.00	IHLLSTF110	1785.00
220 Vac - 240 Vac	IHLGS240		IHLAS240		ISSLEU0439		IHLLS240		IHLLSTF240	
380 Vac - 415 Vac	IHLGS415		IHLAS415		ISSLEU0440		IHLLS415		IHLLSTF415	
Under Voltage Release										
110 Vac - 120 Vac	IHLGU110	1855.00	IHLAU110	2740.00	-	-	IHLLU110	3405.00	IHLUVRF110	2740.00
220 Vac - 240Vac	IHLGU240		IHLAU240		-	-	IHLLU240		IHLUVRF240	
380 Vac - 440 Vac	IHLGU440		IHLAU440		-	-	IHLLU415		IHLUVRF440	
Auxiliary Contact (250Vac/250Vdc) (450Vac/250Vdc)										
1-Changeover	IHLLASG1CO	830.00	IHLAA1CO	910.00	ISSLEU0444	910.00	IHLLA1CO	1050.00	IHLLASF1CO	990.00
2-Changeover	IHLLASG2CO	1325.00	IHLAA2CO	1515.00	ISSLEU0445	1515.00	IHLLA2CO	1820.00	IHLLASF2CO	1515.00
Rotary Handle										
Direct mounting	IHLGD000	1255.00	IHLAD000	1655.00						
Door Mounting	IHLGRN30	1565.00	IHLARN30	2155.00	ISSLEU0494	1895.00	IHLLRN30	3185.00	IHLLRRHF30	2155.00
Padl Lock Device										
	IHLDPG125	125.00	IHLDPA250	190.00	ISSLEU0448	375.00	IHLLP000	435.00	IHLDPF250	265.00
Trip Alarm Contact (Factory Fitted)	IHLLALG1CO	830.00	IHLLALA1CO	910.00	ISSLEU0447	910.00	IHLLB000	1050.00	IHLLALF1CO	990.00
Auxiliary Contact + Alram Switch (Factory fitted)										
							ISSLEU1772	1820.00		

Earth Fault Relay for MCCBs

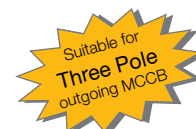
HSN Code: 8538

Sl. No.	MCCBs Current Range (A)	Item Code**	Per Unit LP (₹)
1	25 A- 100 A	IHEF1100	7675.00
2	125 A- 200 A	IHEF2200	8710.00
3	250 A- 400 A	IHEF3400	10165.00
4	500 A- 800 A	IHEF4800	12675.00

- The above prices are inclusive of CBCT.
** For operating the Earth Fault Relay a Shunt trip or an UVR has to be used.

Note : For operating Shunt Trip for G Frame, a separate auxiliary switch would be required in which case one c/o. will be used with the shunt trip, leaving one c/o. free for use. Door mounting clamps for G & AA Frame are supplied free of cost on request basis.



'G' Frame Panel Boards, O/G TP MCCBs G-Frame HSN Code: 8537


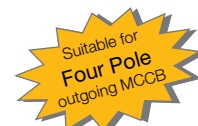
Incomer**	Outgoing* (No. of Ways)	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
250 A "AA" Frame MCCB	2	IHVG025002	41245.00	IHVG02500200	45060.00
	4	IHVG025004	51815.00	IHVG02500400	55580.00
	6	IHVG025006	59300.00	IHVG02500600	63090.00
	8	IHVG025008	64210.00	IHVG02500800	68000.00
	12	IHVG025012	79290.00	IHVG02501200	83020.00
	16	IHVG025016	93290.00	IHVG02501600	97080.00
400 A "LS" Frame MCCB	2	IHLG040002	48180.00	IHLG04000200	52650.00
	4	IHLG040004	57535.00	IHLG04000400	61720.00
	6	IHLG040006	61245.00	IHLG04000600	65165.00
	8	IHLG040008	65425.00	IHLG04000800	69290.00
	12	IHLG040012	84280.00	IHLG04001200	88230.00
	16	IHLG040016	100080.00	IHLG04001600	104155.00

Single door



* The outgoings number of ways is the number of "G" Frame TP MCCBs that can be mounted. In case of SP MCCBs the number of MCCBs shall be three times the number of ways in TP MCCBs.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered.
The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

'G' Frame Panel Boards, O/G FP MCCBs G-Frame HSN Code: 8537


Incomer**	Outgoing* (No. of Ways)	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
250 A "AA" Frame MCCB	2	IHVGF25002	44395.00	IHVGF2500200	48130.00
	4	IHVGF25004	55215.00	IHVGF2500400	58990.00
	6	IHVGF25006	65015.00	IHVGF2500600	68745.00
	8	IHVGF25008	70165.00	IHVGF2500800	73940.00
	12	IHVGF25012	101785.00	IHVGF2501200	105550.00
400 A "LS" Frame MCCB	2	IHLGF40002	51860.00	IHLGF4000200	56235.00
	4	IHLGF40004	61315.00	IHLGF4000400	65490.00
	6	IHLGF40006	67140.00	IHLGF4000600	71000.00
	8	IHLGF40008	71490.00	IHLGF4000800	75350.00
	12	IHLGF40012	108175.00	IHLGF4001200	112180.00

* The outgoings number of ways is the number of "G" Frame FP MCCBs that can be mounted. In case of SP MCCBs the number of MCCBs shall be four times the number of way in FP O/G MCCBs.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered.
Outgoing spreader link for MCCB are available on request.

The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

Accessories : Cable Alley for 'G' / 'A' Frame Panel Boards - Outgoing TP MCCB, Incomer 'A' & 'L' Frame MCCB

HSN Code: 8537

Sl. No.	Description*	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
1	Cable Alley I/C 250 A,O/G 3P GF 2/4Way	ISSBOU0674	15995.00	ISSBOU0690	17150.00
2	Cable Alley I/C 250 A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0675	21475.00	ISSBOU0691	22640.00
3	Cable Alley I/C 250 A,O/G 3P GF 8WAY & 4P 6Way	ISSBOU0676	21770.00	ISSBOU0692	23745.00
4	Cable Alley I/C 250 A,O/G 3P GF 12Way	ISSBOU0677	24695.00	ISSBOU0693	25380.00
5	Cable Alley I/C 250 A,O/G 4P GF 8Way	ISSBOU0678	24695.00	ISSBOU0694	25380.00
6	Cable Alley I/C 250 A,O/G 3P GF 16Way & 4P 12Way	ISSBOU0679	29090.00	ISSBOU0696	30190.00
7	Cable Alley I/C 400 A,O/G 3P GF 2/4Way	ISSBOU0680	18935.00	ISSBOU0697	19620.00
8	Cable Alley I/C 400 A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0681	18935.00	ISSBOU0698	19620.00
9	Cable Alley I/C 400 A/630 A, O/G 3P GF 8Way, 4P 6Way & A/F 6Way	ISSBOU0682	25460.00	ISSBOU0699	26695.00
10	Cable Alley I/C 400 A,O/G 3P GF 12Way	ISSBOU0683	29380.00	ISSBOU0700	30190.00
11	Cable Alley I/C 400 A/630 A, O/G 4P GF 8Way & TP A/F 8Way	ISSBOU0684	30880.00	ISSBOU0701	31560.00
12	Cable Alley I/C 400 A/630, O/G 4P GF 12Way, TP GF 16Way & TP A/F 12Way	ISSBOU0685	32250.00	ISSBOU0702	32935.00

* Each set of Cable Alley consists of two numbers, one each on LHS and RHS.

'A' Frame Panel Boards, O/G TP MCCBs

HSN Code: 8537

Incomer**	Outgoing* (No. of Ways)	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
400 A "LS" Frame MCCB	6	IHLA040006	83090.00	IHLA04000600	86115.00
	8	IHLA040008	88755.00	IHLA04000800	91860.00
	12	IHLA040012	114320.00	IHLA04001200	117285.00
630 A "L" Frame MCCB	6	IHLA063006	91340.00	IHLA06300600	96370.00
	8	IHLA063008	97340.00	IHLA06300800	100955.00
	12	IHLA063012	115650.00	IHLA06301200	130520.00

Double door



* The outgoings number of ways is the number of "A" Frame TP MCCBs that can be mounted.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered.

Outgoing spreader link for MCCB are available on request.

The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

Terminal for G & A Frame Outgoing

S. No.	Description	Item Code	Per Unit LP (₹)
1	Terminal for G Frame Outgoing (Per Pole)	ISCCUPBOP151	115.00
2	Terminal for A Frame Outgoing (Per Pole)	ISCCUPBOP167	295.00

Pre-Wired Meter Module with Voltmeter, Ammeter, Selector Switch, Ct's Control Fuse & Indicating Lights

S. No.	Description	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
1	Prewire Meter Module - Analog	ISSBOU0689	18525.00	ISSBOU0706	19225.00
2	Meter Module - Digital	ISSBOU0711	22780.00	ISSBOU0707	24020.00

Bare Meter Module / MCB Module / Add on Module

S. No.	Description	Single Door Item Code	Per Unit LP (₹)	Double Door Item Code	Per Unit LP (₹)
1	Meter Module - Analog Provision for Ammeter, Voltmeter - Analog with selector switch	ISSBOU0686	7135.00	ISSBOU0703	8230.00
2	MCB Module	ISSBOU0687	7135.00	ISSBOU0704	
3	Add on Module	ISSBOU0688	7135.00	ISSBOU0705	

Ammeter, Voltmeter, Selector Switch, Control Fuses, Indicating Lights, MCBs etc. have to be ordered separately and are at extra cost.
The above prices are for bare module enclosures only.

Add on Incoming Changeover Switch Enclosure only**

S. No.	Description	Item Code	Per Unit LP (₹)
1	250 A Incoming change Over switch-F1	ISSBOU0708	13550.00
2	400 A & 630 A Incoming change Over switch - F2	ISSBOU0709	19915.00

** The above prices are for bare module enclosures only.

Add on Incoming Changeover Switch with Enclosure

S. No.	Description	Item Code	Per Unit LP (₹)
1	250 A Incoming change Over switch-F1	ISSBOU0712	53955.00
2	400 A Incoming change Over switch - F2	ISSBOU0713	71500.00
3	630 A Incoming change Over switch - F3	ISSBOU0714	79950.00

Add on Incoming Automatic Changeover Switch with Enclosure

S. No.	Description	Item Code	Per Unit LP (₹)
1	100A ATS FITT. ENCL P.SAFE	ISSBOU1128	143195.00
2	125A ATS FITT. ENCL P.SAFE	ISSBOU1129	149895.00
3	250A ATS FITT. ENCL P.SAFE	ISSBOU1126	208635.00



Busbar Chambers - (Wall Mounted)

Busbar made of ETP Grade Copper

HSN Code: 8536

Current Rating (A)	No. of	Item Code	Per Unit LP (₹)
63 A	4 WAY	IHBC006304	9675.00
	6 WAY	IHBC006306	11285.00
	8 WAY	IHBC006308	12995.00
100 A	4 WAY	IHBC010004	11610.00
	6 WAY	IHBC010006	16080.00
	8 WAY	IHBC010008	16895.00
200 A	4 WAY	IHBC020004	14525.00
	6 WAY	IHBC020006	18805.00
	8 WAY	IHBC020008	20520.00
250 A	4 WAY	IHBC025004	24045.00
	6 WAY	IHBC025006	37840.00
	8 WAY	IHBC025008	47325.00
315 A	4 WAY	IHBC031504	25120.00
	6 WAY	IHBC031506	38935.00
	8 WAY	IHBC031508	49750.00
400 A	4 WAY	IHBC040004	27140.00
	6 WAY	IHBC040006	40945.00
	8 WAY	IHBC040008	51490.00
630 A	4 WAY	IHBC063004	41570.00
	6 WAY	IHBC063006	55145.00
	8 WAY	IHBC063008	66335.00
800 A	4 WAY	IHBC080004	44220.00
	6 WAY	IHBC080006	58930.00





Open Enclosure				SS Enclosure Version			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)	Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS00	40	IHCCFO0040	5625.00	IS00	40	IHCCFE0040	9405.00
	63	IHCCFO0063	5910.00		63	IHCCFE0063	9690.00
	100	IHCCFO0100	7920.00		100	IHCCFE0100	11700.00
	125*	IHCPFO0125	10115.00		125*	IHCPFE0125	13895.00
IS02	125	IHCCFO0125	11835.00	IS02	125	IHCCFE0125	17135.00
	160	IHCCFO0160	12680.00		160	IHCCFE0160	17980.00
	200	IHCCFO0200	15205.00		200	IHCCFE0200	20505.00
	250*	IHCPFO0250	16725.00		250*	IHCPFE0250	22030.00
IS04	250	IHCCFO0250	22000.00	IS04	250	IHCCFE0250	28510.00
	315	IHCCFO0315	23240.00		315	IHCCFE0315	29750.00
	400*	IHCPFO0400	25570.00		400*	IHCPFE0400	32080.00
IS06	400	IHCCFO0400	33585.00	IS06	400	IHCCFE0400	44610.00
	630	IHCCFO0630	39905.00		630	IHCCFE0630	50930.00
	800*	IHCPFO0800	45890.00		800*	IHCPFE0800	56915.00

*Compact Design

Accessories



Castell Lock



Auxiliary Switch



Direct Handle Conversion Kit

Code	Item Description	Per Unit LP (₹)
ISSCNX0218	Castell Lock Frame IS00	2795.00
ISSCNX0217	Castell Lock Frame IS02 / IS04 / IS06	2795.00
ISCELQOX0074	Auxiliary Switch Assembly 2NO 2NC Frame IS00	685.00
ISCELQOX0076	Auxiliary Switch Assembly 2NO 2NC Frame IS02, IS04 & IS06	895.00
ISSCNX0235	Direct Handle IS00	550.00
ISSCNX0221	Direct Handle IS02-IS04-IS06	1605.00



Open Enclosure				SS Enclosure Version			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)	Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS02	125	IHLFNAO125	45435.00	IS02	125	IHLFNAE125	53275.00
	160	IHLFNAO160	46280.00		160	IHLFNAE160	54120.00
	200	IHLFNAO200	48805.00		200	IHLFNAE200	56650.00
	250*	IHLFNAO25D	50325.00		250*	IHLFNAE25D	58170.00
IS04	250	IHLFNAO250	66100.00	IS04	250	IHLFNAE250	75050.00
	315	IHLFNAO315	67340.00		315	IHLFNAE315	76295.00
	400*	IHLFNAO40D	69670.00		400*	IHLFNAE40D	78620.00
IS06	400	IHLFNAO400	83985.00	IS06	400	IHLFNAE400	98025.00
	630	IHLFNAO630	90305.00		630	IHLFNAE630	104345.00
	800*	IHLFNAO80D	96290.00		800*	IHLFNAE80D	110330.00

*Compact Design

Effective from 11th March, 2024

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions

Accessories



**MTSE to RTSE
Conversion Kit**



**RTSE Enclosure
(with IP 32)**



**RTSE Enclosure
(with IP 43)***

MTSE to RTSE Conversion Kit	Code	Item Description	Per Unit LP (₹)
	ISSCNX0211	MOTOR MODULE 125A-400A CD	POR
	ISSCNX0212	MOTOR MODULE 400A-800 A CD	
RTSE Enclosure (with IP 32)	ISSCNX0204	Enclosure Frame IS02	POR
	ISSCNX0205	Enclosure Frame IS04	
	ISSCNX0206	Enclosure Frame IS06	
RTSE Enclosure (with IP 43)	ISSCNX0256	Enclosure Frame IS02	POR
	ISSCNX0257	Enclosure Frame IS04	
	ISSCNX0258	Enclosure Frame IS06	

*Available on request

Insta**prime** Automatic Transfer Switch

Four Pole, AC-32B / AC - 33B*, 50 Hz, 415 V
Automatic/Manual Range

HSN Code: 8537

Rating (A)	Open Execution Item Code	Per Unit LP (₹)	Cat. no. 4 pole (Close Execution)	Per Unit LP (₹)
40 A	IHRFBAO040	25345.00	IHRFBAE040	27470.00
63 A	IHRFBAO063	26495.00	IHRFBAE063	28625.00
80 A	IHRFBAO080	27810.00	IHRFBAE080	29930.00
100 A	IHRFBAO100	28750.00	IHRFBAE100	30875.00
125 A	IHRFBAO125	32565.00	IHRFBAE125	34685.00

* Up to 80 A



Insta**line** Automatic Transfer Switch

Four Pole, AC-31A, 50 Hz, 415 V
Automatic/Manual with complete protection

HSN Code: 8537

Rating A	Item Code 4P	Per Unit LP (₹)	Item Code 4P	Per Unit LP (₹)
	Open Execution		With Enclosure	
100 A	IHYFCDO100	56630.00	IHYFCDE100	69200.00
125 A	IHYFCDO125	60750.00	IHYFCDE125	72730.00
160 A	IHYFCDO160	67050.00	IHYFCDE160	79985.00
200 A	IHYFCDO200	81010.00	IHYFCDE200	93335.00
250 A	IHYFCDO250	90855.00	IHYFCDE250	103540.00
315 A	IHYFCDO315	94980.00	IHYFCDE315	107300.00
400 A	IHYFCDO400	108730.00	IHYFCDE400	130185.00
500 A	IHYFCDO500	126580.00	IHYFCDE500	147605.00
630 A	IHYFCDO630	139520.00	IHYFCDE630	160550.00



ATS Wire Harness

HSN Code: 8537

Item Code	Per Unit LP (₹)
ISSYAX0201	3560.00

Euroload (ON-Load) Changeover Switch (4 Pole) I-O-II

(Conforms to IS/IEC:60947-3)

HSN Code: 8536

Frame Size	Rating (A)	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
00	040 A	IHCNFO0040	5785.00	IHCNFE0040	8265.00
00	063 A	IHCNFO0063	6080.00	IHCNFE0063	8805.00
00	100 A	IHCNFO0100	8150.00	IHCNFE0100	11095.00
0	125 A	IHCNFO0125	12170.00	IHCNFE0125	16635.00
0	160 A	IHCNFO0160	13040.00	IHCNFE0160	17720.00
0	200 A	IHCNFO0200	15640.00	IHCNFE0200	20410.00
1	250 A	IHCNFO0250	22625.00	IHCNFE0250	28230.00
1	320 A	IHCNFO0320	23905.00	IHCNFE0320	29525.00
2	400 A	IHCNFO0400	34545.00	IHCNFE0400	43445.00
2	630 A	IHCNFO0630	41045.00	IHCNFE0630	50275.00
3	800 A	IHCNFO0800	59730.00	IHCNFE0800	75875.00
4	1000 A	IHCNFO1000	101730.00	IHCNFE1000	138290.00
4	1250 A	IHCNFO1250	135060.00	IHCNFE1250	185135.00
4	1600 A	IHCNFO1600	160845.00	IHCNFE1600	248615.00
5	2000 A	IHCNFO2000	249200.00	IHCNFE2000	327575.00
5	2500 A	IHCNFO2500	330520.00	IHCNFE2500	418215.00
5	3150 A	IHCNFO3150	452500.00	IHCNFE3150	566570.00

Note :

Phase Barriers & Handle with door interlock kit is integral part of the Changeover Switch.
 Aux. contacts for signalling and electrical interlocking are optional and provided at extra price.
 For motorised changeover please contact with nearest branch.



Euroload By Pass Switch

Conforms to IS:13947 (Part-3); IEC:60947-3

Four Pole, 415 V

HSN Code: 8536

Frame Size	Current Rating (A)	Open Execution Item Code	Per Unit LP (₹)
00	063 A	IHCBFO0063	10910.00
00	100 A	IHCBFO0100	12865.00
0	125 A	IHCBFO0125	16390.00
0	160 A	IHCBFO0160	19525.00
0	200 A	IHCBFO0200	20995.00
1	250 A	IHCBFO0250	30375.00
1	320 A	IHCBFO0320	32095.00
2	400 A	IHCBFO0400	46385.00
2	630 A	IHCBFO0630	55110.00
3	800 A	IHCBFO0800	82490.00
3	1000 A	IHCBFO1000	140480.00
3	1600 A	IHCBFO1600	222130.00

Accessories

HSN Code: 8538

Aux. Contact	Item Code	Per Unit LP (₹)
1 NO. 1 NC.	IHCNFAC1CO	410.00
2 NO. 2 NC.	IHCNFAC2CO	550.00



Euroload Switch Disconnecter

(Conforms to IS/IEC:60947-3)

Three Pole, 415 V

HSN Code: 8536

Frame Size	Current Rating A	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
0	80 A	IHCSTO0080	2060.00	IHCSTE0080	3205.00
0	100 A	IHCSTO0100	3120.00	IHCSTE0100	4435.00
0	125 A	IHCSTO0125	4155.00	IHCSTE0125	5395.00
0	160 A	IHCSTO0160	4945.00	IHCSTE0160	6820.00
0	200 A	IHCSTO0200	5620.00	IHCSTE0200	6960.00
1	250 A	IHCSTO0250	7020.00	IHCSTE0250	8940.00
1	320 A	IHCSTO0320	7705.00	IHCSTE0320	9800.00
1	400 A	IHCSTO0400	11100.00	IHCSTE0400	13370.00



Euroload Switch Disconnecter

Four Pole, 415 V

HSN Code: 8536

Frame Size	Current Rating A	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
00	40 A	IHCSFO0040	1505.00	IHCSFE0040	2470.00
00	63 A	IHCSFO0063	1700.00	IHCSFE0063	2695.00
00	80 A	IHCSFO0080	2520.00	IHCSFE0080	3420.00
00	100 A	IHCSFO0100	4065.00	IHCSFE0100	4970.00
0	125 A	IHCSFO0125	4330.00	IHCSFE0125	5480.00
0	160 A	IHCSFO0160	5185.00	IHCSFE0160	6330.00
0	200 A	IHCSFO0200	6260.00	IHCSFE0200	7560.00
1	250 A	IHCSFO0250	7845.00	IHCSFE0250	10170.00
1	320 A	IHCSFO0320	8600.00	IHCSFE0320	10800.00
2	400 A	IHCSFO0400	11930.00	IHCSFE0400	14910.00
2	630 A	IHCSFO0630	13660.00	IHCSFE0630	16835.00
3	800 A	IHCSFO0800	20365.00	IHCSFE0800	24025.00
4	1000 A	IHCSFO1000	30805.00	IHCSFE1000	43645.00
4	1250 A	IHCSFO1250	46270.00	IHCSFE1250	52500.00
4	1600 A	IHCSFO1600	63670.00	IHCSFE1600	70595.00
5	2000 A	IHCSFO2000	72965.00	IHCSFE2000	92950.00
5	2500 A	IHCSFO2500	94685.00	IHCSFE2500	121665.00
5	3150 A	IHCSFO3150	133570.00	IHCSFE3150	172915.00



Kompact *plus* Switch Disconnecter Fuse

(Conforms to IS/IEC:60947- Part 1 & 3)

HSN Code: 8537

Switch Disconnecter Fuse (Panel Mounting Cubicle Type) - AC-23A, 50 Hz, 415 V
Kompact Plus



Rating A	Pole	Type of Fuse	With / Without Fuse	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse
				Open Execution		In Sheet Steel Encl.		
32 A	TPN	Bolted Type	With 3 Fuses	IHKDTF4032	2790.00	IHKDTW4032	4495.00	IHHTIA0032
63 A				IHKDTF4063	3840.00	IHKDTW4063	5560.00	IHHTSS0063
100 A				IHKDTF4100	7775.00	IHKDTW4100	9385.00	IHHTSD0100
125 A				IHKDTF4125	9945.00	IHKDTW4125	11645.00	IHHTSD0125
32 A		Bolted Type	Without Fuse	IHKDTO4032	2385.00	IHKDTE4032	4060.00	IHHTIA0032
63 A				IHKDTO4063	3330.00	IHKDTE4063	5020.00	IHHTSS0063
100 A				IHKDTO4100	6725.00	IHKDTE4100	8310.00	IHHTSD0100
125 A				IHKDTO4125	8855.00	IHKDTE4125	10520.00	IHHTSD0125
32 A	FP	Bolted Type	With 4 Fuses	IHKDFF4032	3810.00	IHKDFW4032	5630.00	IHHTIA0032
63 A				IHKDFF4063	4865.00	IHKDFW4063	6690.00	IHHTSS0063
100 A				IHKDFF4100	9750.00	IHKDFW4100	11580.00	IHHTSD0100
125 A				IHKDFF4125	11865.00	IHKDFW4125	13790.00	IHHTSD0125
32 A		Bolted Type	Without Fuse	IHKDFO4032	3270.00	IHKDFE4032	5055.00	IHHTIA0032
63 A				IHKDFO4063	4190.00	IHKDFE4063	5985.00	IHHTSS0063
100 A				IHKDFO4100	8360.00	IHKDFE4100	10160.00	IHHTSD0100
125 A				IHKDFO4125	10440.00	IHKDFE4125	12325.00	IHHTSD0125
32 A	TPN	DIN Type	With 3 Fuses	IHKFTF4032	4055.00	IHKFTW4032	5420.00	IHHCD00032
63 A				IHKFTF4063	5155.00	IHKFTW4063	6670.00	IHHCD00063
100 A				IHKFTF4100	8815.00	IHKFTW4100	10515.00	IHHCD00100
125 A				IHKFTF4125	11265.00	IHKFTW4125	12995.00	IHHCD00125
32 A		DIN Type	Without Fuse	IHKFTO4032	2625.00	IHKFTE4032	3965.00	IHHCD00032
63 A				IHKFTO4063	3655.00	IHKFTE4063	5140.00	IHHCD00063
100 A				IHKFTO4100	7110.00	IHKFTE4100	8780.00	IHHCD00100
125 A				IHKFTO4125	9480.00	IHKFTE4125	11180.00	IHHCD00125
32 A	FP	DIN Type	With 4 Fuses	IHKFFF4032	5515.00	IHKFFW4032	6970.00	IHHCD00032
63 A				IHKFFF4063	6655.00	IHKFFW4063	8255.00	IHHCD00063
100 A				IHKFFF4100	11405.00	IHKFFW4100	13205.00	IHHCD00100
125 A				IHKFFF4125	12610.00	IHKFFW4125	14395.00	IHHCD00125
32 A		DIN Type	Without Fuse	IHKFFO4032	3605.00	IHKFFE4032	5035.00	IHHCD00032
63 A				IHKFFO4063	4660.00	IHKFFE4063	6230.00	IHHCD00063
100 A				IHKFFO4100	9135.00	IHKFFE4100	10910.00	IHHCD00100
125 A				IHKFFO4125	10280.00	IHKFFE4125	12030.00	IHHCD00125

Kompact *plus* Switch Disconnecter Fuse Unit

HSN Code: 8537

(Conforms to IS/IEC:60947- Part 1 & 3)

Switch Disconnecter Fuse (Panel Mounting Cubicle Type) - AC-23 A, 50 Hz, 415 V
Kompact EZO



TPN

Rating A	Pole	Type of Fuse		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse
				Open Execution		In Sheet Steel Encl.		
160 A	TPN	Bolted Type	With 3 Fuses	IHFSTF4160	11200.00	IHFSTW4160	14455.00	IHHTSF0160
200 A				IHFSTF4200	14570.00	IHFSTW4200	17750.00	IHHTSF0200
250 A				IHFSTF4250	17150.00	IHFSTW4250	20225.00	IHHTSF0250
320 A				IHFSTF4320	20920.00	IHFSTW4320	24515.00	IHHTSK0315
400 A				IHFSTF4400	26415.00	IHFSTW4400	29820.00	IHHTSMF400
630 A				IHFSTF4630	44140.00	IHFSTW4630	47605.00	IHHTLM0630
800 A				IHFSTF4800	51650.00	IHFSTW4800	55045.00	IHHTLM0800
160 A		Bolted Type	Without Fuse	IHFSTO4160	9685.00	IHFSTE4160	12915.00	IHHTSF0160
200 A				IHFSTO4200	12885.00	IHFSTE4200	16010.00	IHHTSF0200
250 A				IHFSTO4250	15305.00	IHFSTE4250	18325.00	IHHTSF0250
320 A				IHFSTO4320	18930.00	IHFSTE4320	22525.00	IHHTSK0315
400 A				IHFSTO4400	22675.00	IHFSTE4400	26080.00	IHHTSMF400
630 A				IHFSTO4630	36550.00	IHFSTE4630	40015.00	IHHTLM0630
800 A				IHFSTO4800	43605.00	IHFSTE4800	47035.00	IHHTLM0800
160 A		DIN Type	With 3 Fuses	IHFKTF4160	12620.00	IHFKTW4160	15675.00	IHHCD01160
200 A				IHFKTF4200	15410.00	IHFKTW4200	19165.00	IHHCD01200
250 A				IHFKTF4250	17720.00	IHFKTW4250	21205.00	IHHCD01250
320 A				IHFKTF4320	21970.00	IHFKTW4320	25335.00	IHHCD02315
400 A				IHFKTF4400	26135.00	IHFKTW4400	29480.00	IHHCD02400
630 A				IHFKTF4630	41960.00	IHFKTW4630	45550.00	IHHCD03630
800 A				IHFKTF4800	51650.00	IHFKTW4800	55045.00	IHHCD03800
160 A		DIN Type	Without Fuse	IHFKTO4160	10110.00	IHFKTE4160	13110.00	IHHCD01160
200 A				IHFKTO4200	12850.00	IHFKTE4200	16530.00	IHHCD01200
250 A				IHFKTO4250	15165.00	IHFKTE4250	18650.00	IHHCD01250
320 A				IHFKTO4320	18685.00	IHFKTE4320	22045.00	IHHCD02315
400 A				IHFKTO4400	22600.00	IHFKTE4400	25940.00	IHHCD02400
630 A				IHFKTO4630	36385.00	IHFKTE4630	39980.00	IHHCD03630
800 A				IHFKTO4800	39470.00	IHFKTE4800	43980.00	IHHCD03800

Kompact *plus* Switch Disconnecter Fuse

(Conforms to IS/IEC:60947- Part 1 & 3)

HSN Code: 8537

Four Pole

Rating A	Pole	Type of Fuse		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse
				Open Execution		In Sheet Steel Encl.		
160 A	FP	Bolted Type	With 4 Fuses	IHFSFF4160	15355.00	IHFSPW4160	18490.00	IHHTSF0160
200 A				IHFSFF4200	18045.00	IHFSPW4200	21010.00	IHHTSF0200
250 A				IHFSFF4250	20680.00	IHFSPW4250	23530.00	IHHTSF0250
320 A				IHFSFF4320	23665.00	IHFSPW4320	26880.00	IHHTSK0315
400 A				IHFSFF4400	29055.00	IHFSPW4400	32800.00	IHHTSMF400
630 A				IHFSFF4630	48555.00	IHFSPW4630	52365.00	IHHTLM0630
800 A				IHFSFF4800	56815.00	IHFSPW4800	60545.00	IHHTLM0800
160 A		Bolted Type	Without Fuse	IHFSFO4160	13340.00	IHFSFE4160	16450.00	IHHTSF0160
200 A				IHFSFO4200	15830.00	IHFSFE4200	18745.00	IHHTSF0200
250 A				IHFSFO4250	18260.00	IHFSFE4250	21060.00	IHHTSF0250
320 A				IHFSFO4320	21015.00	IHFSFE4320	24775.00	IHHTSK0315
400 A				IHFSFO4400	24945.00	IHFSFE4400	28690.00	IHHTSMF400
630 A				IHFSFO4630	40200.00	IHFSFE4630	44010.00	IHHTLM0630
800 A				IHFSFO4800	47965.00	IHFSFE4800	51735.00	IHHTLM0800
160 A		DIN Type	With 4 Fuses	IHFKFF4160	14885.00	IHFKFW4160	17735.00	IHHCD01160
200 A				IHFKFF4200	18745.00	IHFKFW4200	21605.00	IHHCD01200
250 A				IHFKFF4250	19495.00	IHFKFW4250	23320.00	IHHCD01250
320 A				IHFKFF4320	24170.00	IHFKFW4320	27870.00	IHHCD02315
400 A				IHFKFF4400	28750.00	IHFKFW4400	32425.00	IHHCD02400
630 A				IHFKFF4630	48830.00	IHFKFW4630	52070.00	IHHCD03630
160 A		DIN Type	Without Fuse	IHFKFO4160	11570.00	IHFKFE4160	14375.00	IHHCD01160
200 A				IHFKFO4200	15360.00	IHFKFE4200	18165.00	IHHCD01200
250 A				IHFKFO4250	16680.00	IHFKFE4250	20510.00	IHHCD01250
320 A				IHFKFO4320	20555.00	IHFKFE4320	24255.00	IHHCD02315
400 A				IHFKFO4400	24860.00	IHFKFE4400	28530.00	IHHCD02400
630 A				IHFKFO4630	41405.00	IHFKFE4630	44640.00	IHHCD03630
800 A				IHFKFO4800	47925.00	IHFKFE4800	52395.00	IHHCD03800

Accessories

Cat Code	Description	Per Unit LP (₹)
ISSCBX0001	1 NO-NC SWITCH FOR SDF (32A-125A)	590.00
ISSCBX0002	1 NO-NC SWITCH FOR SDF (160A-800A)	705.00
ISSCBX0003	2 NO-NC SWITCH FOR SDF (32A-125A)	1060.00
ISSCBX0004	2 NO-NC SWITCH FOR SDF 160A-800A)	1175.00

RH Type HRC Fuse- 80 kA, 415 V

Rating (A)	Item Code	Per Unit LP (₹)	STD Packing No. of unit/s
2 A	IHHRH00002	140.00	20 N
6 A	IHHRH00006		
10 A	IHHRH00010		
16 A	IHHRH00016		
20 A	IHHRH00020		
25 A	IHHRH00025		
32 A	IHHRH00032		
40 A	IHHRH00040	150.00	20 N
50 A	IHHRH00050	320.00	20 N
63 A	IHHRH00063	380.00	20 N



DIN Fuse Bases (Fixed Type)

Specification: IEC: 60269-1 & 2-1 / IS: 13703-1 & 2-1.

Rated A	Item Code	Type	Fuse Type	Per Unit LP (₹)	STD Packing No. of unit/s
160 A	IHUC000160	Open Type Fuse Base	CD-00	480.00	6 N



i Base - DIN Fuse Bases (Fixed Type)

Specification: IEC: 60269-1 & 2-1 / IS: 13703-1 & 2-1.

Rated A	Item Code	Type	Fuse Type	Per Unit LP (₹)	STD Packing No. of unit/s
250 A	IHIC01O250	Open Type Fuse Base	CD-1	960.00	3 N
400 A	IHIC02O400	Open Type Fuse Base	CD-2	1540.00	3 N
630 A	IHIC03O630	Open Type Fuse Base	CD-3	1795.00	3 N
800 A	IHIC03O800	Open Type Fuse Base	CD-3	1795.00	3 N





Bolted Type HRC Fuse - 80 kA, 415 V

IS Size	Tag Type	BS Type	Rating (A)	Item Code	Per Unit LP (₹)	STD Packing No. of unit/s
F-1	Offset	NS	2 A	IHHNS00002	80.00	20 N
			4 A	IHHNS00004		
			6 A	IHHNS00006		
			10 A	IHHNS00010		
			16 A	IHHNS00016	90.00	
			20 A	IHHNS00020		
			25 A	IHHNS00025		
			32 A	IHHNS00032		
A-2	Offset	TIA	16 A	IHHTIA0016	115.00	10 N
			20 A	IHHTIA0020		
			25 A	IHHTIA0025		
			32 A	IHHTIA0032		
A-3	Offset	TSS	40 A	IHHTSS0040	140.00	10 N
			50 A	IHHTSS0050		
			63 A	IHHTSS0063		
A-4	Offset	TSD	80 A	IHHTSD0080	305.00	10 N
			100 A	IHHTSD0100		
			125 A	IHHTSD0125		
B-1	Central	TSDC	80 A	IHHTSDC080	310.00	10 N
			100 A	IHHTSDC100		
			125 A	IHHTSDC125		
B-2	Central	TSF	160 A	IHHTSF0160	455.00	10 N
			200 A	IHHTSF0200	490.00	
			250 A	IHHTSF0250		
B-3	Central	TSK	315 A	IHHTSK0315	645.00	3 N
B - 4	Central	TSMF	400 A	IHHTSMF400	1210.00	3 N
C - 1	Central	TSMS	400 A	IHHTSMS400		3 N
C - 2	Central	TTS	400 A	IHHTTS0400	1380.00	1 N
C - 2	Central	TLM	630 A	IHHTLM0630	2455.00	1 N
C - 2	Central	TLM	800 A	IHHTLM0800	2740.00	1 N



DIN Type HRC Fuse - 80 kA, 415 V

IS Size	Rating (A)	Item Code	Per Unit LP (₹)	STD Packing No. of unit/s
000	32 A	IHHCD11032	385.00	3 N
	63 A	IHHCD11063	395.00	
	100 A	IHHCD11100	425.00	
00	6 A	IHHCD00006	435.00	3 N
	10 A	IHHCD00010		
	16 A	IHHCD00016		
	25 A	IHHCD00025		
	32 A	IHHCD00032		
	40 A	IHHCD00040	455.00	
	50 A	IHHCD00050		
	63 A	IHHCD00063		
	80 A	IHHCD00080	495.00	
	100 A	IHHCD00100		
	125 A	IHHCD00125	510.00	
	160 A	IHHCD00160	535.00	
01	40 A	IHHCD01040	725.00	3 N
	50 A	IHHCD01050		
	100 A	IHHCD01100		
	125 A	IHHCD01125		
	160 A	IHHCD01160	735.00	
	200 A	IHHCD01200		
	250 A	IHHCD01250		
02	250 A	IHHCD02250	1065.00	1 N
	315 A	IHHCD02315		
	350 A	IHHCD02350	1145.00	
	400 A	IHHCD02400		
03	500 A	IHHCD03500	1765.00	1 N
	630 A	IHHCD03630	1805.00	
	800 A	IHHCD03800	2230.00	